AQA074661

USAFETAC/DS-79/035

# DATA PROCESSING DIVISION USAFETAC Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

MAXWELL AFB ALABAMA/MONTGOMERY N 32 23 W 086 22 ELEV: 169 FT

KMXF

WBAN # 13821

WMO # - - -

PARTS A-F
POR FROM HOURLY OBS: JAN 37-DEC 41, SEP 42-JUL 71, SEP 71-DEC 72
POR FROM DAILY DBS: FEB 37-DEC 41, SEP 42-JUL 56, JAN 64-DEC 72

SEP 19 1974

FEDERAL BUILDING ASHEVILLE, N. C.

THIS DOCUMENT HAS BEEN APPROVED FOR PUBLIC RELEASE AND SALE; ITS DISTRIBUTION IS UNLIMITED.

79 09 11 173

S59-4020/

#### Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

Carl a. Bower JR.

CARL A. BOWER, JR. Chief, Data Reference Section Climatological Services Branch

FOR THE COMMANDER

WALTER S. BURGMANN

Scientific & Technical

Information Officer

ND A 0 74661



DATA PROCESSING SHEET

PHOTOGRAPH THIS SHEET



USAFETAC/DS-19/035
DOCUMENT IDENTIFICATION

DISTRIBUTION STATEMENT A

Approved for public release; Distribution Unlimited

DISTRIBUTION STATEMENT

Accession For
NTIS GRAAI
DDC TAB Unamnounced
Justification
oustilled to the
Ву
Distribution/
Availability Codes
Avail and/or
Dist. special
1000
M BXX
DISTRIBUTION STAMP

D D C
OCT 4 1979

D D C
OCT A 1979

D D C
OCT A 1979

D D C C
OCT A 1979

·

DATE RECEIVED IN DDC

PHOTOGRAPH THIS SHEET

AND RETURN TO DDA-2

# **DISCLAIMER NOTICE**

THIS DOCUMENT IS BEST QUALITY PRACTICABLE. THE COPY FURNISHED TO DDC CONTAINED A SIGNIFICANT NUMBER OF PAGES WHICH DO NOT REPRODUCE LEGIBLY.

SECURITY CLASSIFICATION OF THIS PAGE (When Date Entered)	
REPORT DOCUMENTATION PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER 2 COVT ACCESSION NO	3 RECIPIENT'S CATALOG NUMBER
USAFETAC/DS-79/035	•
4. TITLE (and Subtitin)	5 TYPE OF REPORT & PERIOD COVERED
Revised Uniform Summary of Surface Weather Observations (RUSSWO)_Maxwell AFB, Montgomery,	Final rept.
Alabama ` '	6 PERFORMING ORG FEPORT NUMBER
7. AUTHOR(e)	8. CONTRACT OR GRANT NUMBER(s)
PERFORMING ORGANIZATION NAME AND ADDRESS	10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
JSAFETAC/OL-A	
Air Force Environmental Technical Appl. Center Scott AFB IL 62225	
11. CONTROLLING OFFICE NAME AND ADDRESS	12 REPORT DATE
USAFETAC/CBD Air Weather Service (MAC)	19 Sep 74
Scott AFB IL 62225	n nomber of Pages
14 MONITORING AGENCY NAME & ADDRESS(II different from Controlling Office)	15 SECURITY CLASS. (of this report)
	UNCLASSIFIED
	15. DECLASSIFICATION/DOWNGRADING
17 DISTRIBUTION STATEMENT (of the obstract entered in Block 20, If different fro	on Report)
18. SUPPLEMENTARY NOTES	
IS SUPPLEMENTARY NOTES	
19 KEY WORDS (Continue on reverse side if necessary and identify by block number,	
*RUSSWO Daily temperature Atm	ospheric pressure
Snowfall Extreme snow depth Ext	reme surface winds
	chrometric summary
Surface Winds Extreme temperature Cei	ling versus visibility
Relative humidity *Climatological data  ABSTRACT (Continue on reverse side if necessary and identify by block number)	(over)
This report is a six-part statistical summary of su Maxwell AFB, Montgomery, Alabama	rface weather observations for
It contains the following parts: (A) Weather Condit	ions, Atmosphania Dhamama
(B) Precipitation. Snowfall and Snow Depth (daily as	mounts and extreme values):
(B) Precipitation, Snowfall and Snow Depth (daily as (C) Surface winds; (D) Ceiling Versus Visibility: S	mounts and extreme values); ky Cover: (F) Psychrometric
(B) Precipitation, Snowfall and Snow Depth (daily as (C) Surface winds; (D) Ceiling Versus Visibility; Sloummaries (daily maximum and minimum temperatures, comperatures, psychrometric summary of wet-bulb temperatures.	mounts and extreme values); ky Cover; (E) Psychrometric extreme maximum and minimum perature depression versus
(B) Precipitation. Snowfall and Snow Depth (daily as	mounts and extreme values); ky Cover; (E) Psychrometric extreme maximum and minimum perature depression versus

DD 1 FORM 1473

UNCLASSIFIED

19. Percentage frequency of distribution tables Dry-bulb temperature versus wet-bulb temperature Cumulative percentage frequency of distribution tables

\* Alabama

\* Maxwell AFB,AL

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

UNCLASSIFIED

CURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

NO SUMMARY OF DAY DATA RECORDED ON WBAN-10 FORMS FOR PERIOD 1 AUG 56 THRU DEC 63 FOR THIS STATION.

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".O", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S ATR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

#### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

#### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

#### **DESCRIPTION OF SUMMARIES**

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U.S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN. & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY	APRIL	JULY	OCTOBER
FERRUARY	MAY	AUGUST	HOVEMBER
MARCH	JUNE	SEPTEMBER	DECEMBER

	ON SUMMARY				l l	TUDE		TUDE	STATION ELEV (FT	CALL SIGN	WMONU	MBER
1	.3821	MAXWELL AFB	ALABAMA/MONTY	COMERY	N	32 23	WC	086 22	179	KMXF		
		STATION	LOCATIO	A NC	ND I	NSTF	RUM	ENT	ATION H	ISTOR	Υ	
MBER		GEOGRAPHICAL LOCATION &		TYPE	AT THE	LOCATION		ATITUDE	LONGITUDE	ELEVATION	KEYE KEL	09S
CATION		GEOGRAPHICAL LUCATION &		STATION	FROM	TO	<u> </u>		CONGLIGAT	STATION (FT) =	FIFE-BAKONETER	DAY
1		Fld, Alabama		AAF	Jan 37	Dec 4		32 23	W 086 21	172	175	24
2	Same Maxwell	AFB, Alabama		Same AFB	Sep 42 Jun 48	May 4	4 N	32 24 32 23	Same Same	Same 176	Same Same	24
4	Same			Same	Apr 54	Apr 5	7   3	Same	Same	Same	211	24
5	Same	•		Same	May 57	20 Mar		Same	Same	Same	245	24
6 7	Same Same			Same Same	ZI Mar : Mar 68	Feb 6		Same Same	W 086 22 Same	Same Same	174 Same	24
8	Same			Same	Mar 69	Mar 7		Same	Same	179	Same	24
9	Same			Same	Apr 72	Dec 7	2   3	Same	Same	Same	Same	17
r	-			***			<u>'. </u>		,		, , , ,	
UMBER	DATE OF		SURFACE WINE	EQUIPMENT	TYPE O	FTYP	E DE	HT ABOVE	REMARKS. ADDITI	NAL EQUIPMENT.	OR REASON FOR	CHANGE
CATION	CHANGE		LOCATION		TRANSMI			CHOUND				
	Jan 37to	Located on t	he Tower Bldg	<b>3.</b>	Anemo	meter 1	i/A	60 Ft				
2	Dec 41 Sep 42to	Same			Sels	yn ML	-144	Same				
3	May 48 Jun 48to		ft S of Weath	ner Stat	i- Sam	e S	ame	45 Ft				
4	Mar 54to		op of Bldg ad	ljacent	to . Sam	e .S	ame	29 Ft	,	•		
5 .	Feb 55 Mar 55to		on. angar S of Ba	ase Oper	- Sam	e S	ame	80 Ft				
6	Feb 57 Mar 57to Apr 62	ations. Located in E	lase Control 1	Cower.	Sam	e S	ane	78 Ft				
	<i>APP</i> 62											

THE THE PROPERTY OF THE PROPER

MUMBER	SATE OF	SURFACE WIND EQUIPMENT INF				AFMANA AANTAMA FAMBUFUS AN AFMAN SA AMAMA
OF LOCATION	OF CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE CROUND	REMARKS, ADDITIONAL EQUIPMENT. OR REASON FOR CHANCE
7	May 62to	Located 750 ft from the end and 500 ft E of Rnwy 14.	AN/GMQ-11	RO-2	13 Ft	
8	Sep 62to	Located 950 ft N of Rrwy 14,450 ft	Same	Same	12 Ft	
9	řeb 64 Kar 64to	S from Taxiway A. Located 750 ft from the end and	Same	Same	. 13 Ft	**
10	Sep 70 Oct 70to Lec 72	500 ft E of Rnwy 14. Located 1000 ft ENE of centerline, 1550 ft from end of Rnwy 14.	Same .	Same	Same	
		•			}·	
		:	,) Co-			,
				'd TE.		
				,		* * * * * * * * * * * * * * * * * * * *
						•
					}	
			1			
					i i	
				}		
		J			:	~ · · · · · · · · · · · · · · · · · · ·
						, , , , ,
				3.		
				}		
				}		
		•		· ·		51'
		•			1	•

MAC-S AFB, 111 48-8075

A

#### PART A

### WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING BRANCH JSAF ETAC AIR WEATHER SERVICE/MAC

2

### **WEATHER CONDITIONS**

13821 MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME

A Children by A Carlotte of French to an annual

37-72

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (LS.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	,3	10.6	• 2	, 3		11.0	14,4	14,7	•0	,1	26.6	25838
FEB		. 5	10,5	•0	, 2	•0	10,7	10,9	13,2	•0	•1	22.3	23479
MAR		1.4	9,4		.1	•0	9,5	8 + 5	11,1	•0	,4	18.8	24977
APR		1.6	<b>5,1</b>			•0	6,1	6,9	7,8		,2	13.4	24836
IIAY		1.4	4,4			•0	4,4	4.6	6,7		,1	10 : 1	25720
JUN		2,3	4,4				4,4	3,7	7,2		•0	9.7	24831
JUL		2.8	5,1				5,1	4.4	5,9		•0	8.9	25488
AUG		2,2	3,9				3,9	5,8	7,7		•0	11.6	25049
SEP		.8	5,7				5,7	6,2	7,5		,0	11.9	25653
OCT		.2	4,1			•0	4,1	7.9	11,1		•0	16.4	26473
NOV		, 3	6,5	•0	•0		6,5	10,6	13,5		.0	21.1	25639
DEC		.3	10,8		,1		10,9	15.1	15,1		.0	27.0	26422
TOTALS		1,2	6,8	,0	, 1	.0	6,9	8,3	10.1	• 0	, 1	16.5	304405

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

2

G

C

### **WEATHER CONDITIONS**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

STATION STATION NAME

JAN
MONTH

# PERCENTAGE FREQUENCY OF DCGURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	* OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.5	12,1	, 2	,4		12,7	15.3	13,2		,1	26.0	3213
	03-05	.4	12.0	.2	•2		12,4	20.9	14,8		•0	31.1	3226
	06-08	. 2	11,4	. 2	•3		12,0	26,2	22,3			41.9	3237
	09-11	.1	10,4	.1	,4		10,8	16,1	19,5		•0	33,4	3238
	12-14	.2	9,4	.2	,4		9,8	9,5	11,0		, 2	19.3	3236
	15-17	.6	10,0	•1	• 2		10,1	8.0	10,3	.1	, 2	17.6	3236
	18-20	,2	8,8	.2	, 2		9,2	8,9	12,7	•0	,1	20.8	3231
·	21=23	,2	10,4	•1	.2		10.7	10.5	13,6		,1	22,6	3221
	<del>                                     </del>												
TOTALS		.3	10.6	.2	, 3		11.0	14,4	14,7	.0	, 1	26.6	25838

UP AFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

### **WEATHER CONDITIONS**

13821

MAXWELL AFB ALABAMA/MUNTGUMERY

37-41,43-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOUGHY OBSERVATIONS

TOTALS		• 5	10,5	•0	. 2	•0	10,7	10,9	13,2	• 0	•1	22.3	23479
	21-23	,4	10,7		,4		11,1	7,3	12,4		•0	19.2	293
	18-20	. 5	10,2	,1	. 2		10,3	6,0	12,3		•0	17.9	293
	15-17	. 4	9,2		• 2		9,4	5,2	9,6			14.2	292
	12-14	,4	9,1			•0	9,2	5,6	9,1		• 0	14.3	293
	09-11	, 3	9,4		, 3		9,6	11.0	16,4		• 2	25,8	293
	06-08	, 4	11,4		. 2		11,7	23,4	20,5	• 0	• 1	38.3	293
	03-05	.7	12,9		,3		13,1	17.5	12.6		• 1	26.6	293
FEB	00-02	. 5	11,3				11,4	11.2	12,7		•0	21.9	293
нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.

USAFETAC  $_{\rm AAY\,64}^{\rm FORM}$  0-10-5 (OL-1), previous editions of this form are obsolete

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

€.

**2**€

 $\mathbf{C}$ 

A CONTRACTOR OF THE PROPERTY O

### **WEATHER CONDITIONS**

13821 MAXWELL AFB ALABAMA/MUNTGUMERY 37-41,43-72 MAR
STATION STATION NAME YEARS MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	I REEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	1.5	9,9		•1	•0	9,9	8,0	10,5		, 2	17.8	3126
	03-05	7:1	11.0		• 1		11.1	13.9	13,7		,4	25.4	3121
	05=08	1,2	10,4		, 2		10,6	21,6	21,8	•0	•1	37.9	3118
	09=11	.7	8 , 2,		,1		8,3	7,7	11,9		,5	19.7	3125
	12-14	.8	7,8		•1		7,9	3,9	5,8	•0	.6	10.1	3125
	15-17	1.4	9,1		•1		9,2	3,8	5,8		,6	10.1	3120
	18-20	2.0	9,6		•1	•0	9,7	4,6	9,2		,6	14.0	3128
	21-23	1,3	9,3		•0	•0	9,3	<b>4</b> • B	10,1		,4	15,1	3114
TOTALS		1.4	9,4		•1	ş0	9,5	8,5	11,1	•0	,4	18.8	24977

USAFETAC RAY 64 0-10-5 (OL-1), PREVIOUS COTTONS OF THIS FORM ARE OBSOLETI

DATA PRUCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

 $\mathbf{C}$ 

**(**1

C

C

The state of the s

### **WEATHER CONDITIONS**

APR

13821 MAXI'ELL AFB ALABAMA/MUNTGOMERY 37-41,43-72
STATION STATION NAME YEARS

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	1,8	5,4				5,4	6.7	8,0			13.2	3050
	03-05	2.0	7,3				7,3	18.0	12,5			26.1	3049
	06=08	1,2	7,2				7,2	18,1	19,5		,0	32.2	3130
	09-11	• 8	5,9				5,9	3.5	6,6		,2	9,8	3128
	12-14	1.3	5,5			•0	5,5	2.2	2,3		,4	4.8	3126
	15-17	1.6	5,8			•0	5,8	1.6	2,0		,4	3.9	3128
	18-20	2,4	6,0				6,0	1 . 8	5,2		.5	7.3	3125
	21-23	1.5	5,3				5,3	3,3	6,2		• 4	9,6	3100
TOTALS		1.6	6,1			•0	6,1	6,9	7,8		, 2	13.4	24836

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### **WEATHER CONDITIONS**

13821

MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME

and the second second second

37-41,43-72

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOUGHY DBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% CF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
ИАУ	00-02	, 9	3,8			•0	3,8	4,9	7,7		.1	11.6	3150
	03-05	1.1	4,0				4,0	15,6	13,7		.1	24.7	3188
	06∞08	;5	3,7				3,7	10,8	17,6		,1	24.7	3240
	09-11	, 5	3,7				3,7	1,6	4,3		,1	5,9	3235
	12=14	1.0	4,1				4,1	6	1,1		,1	1.7	3236
	15-17	2,7	5,8				5,8	, 5	1,2		.1	1.7	3240
	18=20	2,4	4,8				4,8	1.0	3,1		•0	4.1	3240
	21-23	1.8	4,9		<u> </u>	•0	4,9	1,4	5,1		•2	6.6	3183
									-				
TOTALS		1.4	4,4			•0	4,4	4.6	6,7		.1	10.1	25720

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH 2 USAF ETAC AIR WEATHER SERVICE/HAC **WEATHER CONDITIONS** 13821 STATION MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 JUN MONTH PERCENTAGE FREQUENCY OF DECURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS SNOW AND/OR SLEET RAIN FREEZING % OF OBS WITH PRECIP, SMOKE AND/OR HAZE DUST AND/OR SAND % OF OBS WITH OBST TO VISION TOTAL NO. OF OBS. THUNDER-BLOWING SNOW MONTH AND/OR DRIZZLE RAIN & /OI DRIZZLE HAIL FOG 00-02 ากผ . 8 10.1 3053 03-05 2.7 2,7 13,5 3076 16,1 06-08 3,8 .6 3,8 9.5 17,0 22.3 3125 09-11 . 8 3,5 3,5 1,2 5.7 6.9 3130 3,5 12-14 5,2 5,2 2,1 2,5 3128 15-17 , 5 1.7 3122 18-20 .8 3,2 3122 21-23 2.6 • 8 3075 4,1 TOTALS 2.3 3.7 7,2 9.7 24831

Participation of the second

USAFETAC PORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

C

C

C

C

### **WEATHER CONDITIONS**

13821 MAXWELL AFB ALABAMA/MUNTGOMERY
STATION NAME

37-41,43-72

JUL

# PERCENTAGE FREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (LS T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOW!:4G SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL.	00=02	.7	2,2				2,2	4,2	7,1			9.9	3151
 	03-05	, 5	2,8				2,8	15.3	12,9			23.2	3166
	06=08	,6	3,2				3,2	13,0	14,5			22.9	3194
	09-11	1.1	4,5				4,5	1,2	4,8			5.7	3200
	12-14	4.6	7,2				7,2	. 2	1,0		•0	1.2	3203
	15=17	7,8	9,9				9,9	, 3	,7			1.0	3211
	18-20	5,3	7,2				7,2	.4	2,3		•0	2,6	3199
	21-23	1,8	3,7				3,7	,7	4,0			4,4	3164
TOTALS	, , , , , , , , , , , , , , , , , , ,	2.8	5,1				5,1	4,4	5,9		•0	8,9	25488

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

Ü

(

G

C

Œ

C

### **WEATHER CONDITIONS**

13821 MAXWELL AFB ALABAMA/MUNTGOMERY 37-41,43-70,72

STATION STATION NAME

YEARS

MONTH

The same of the sa

# PERCENTAGE FREQUENCY OF DCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBSY TO VISION	TOTAL NO. OF OBS.
AUG	00-02	,7	1.5				1,8	5,1	8.0			11,5	3068
	03-05	. 4	2,3			·	2,3	18,4	13.0			25.8	3099
	36≈08	, 2	2,8				2,8	18,2	20,1		•1	31,2	3159
	09-11	.7	3,4				3,4	1,7	6,4			7.7	3159
	12-14	3,5	4,9				4,9	. 3	2,1		•0	2.4	3158
	15-17	6.0	6,7				6,7	, 5	2,2		•0	2,7	3153
	18-20	4.0	6.0			····	6,0	1.0	4,6		•0	5.4	3156
	21-23	1.8	3,5				3,5	1,4	5,2		•0	6.4	3097
							-		<u></u>				
TOTALS		2,2	3,9				3,9	5,8	7,7		.0	11.6	25049

USAFETAC  $\frac{\text{FOPM}}{\text{RRY 64}}$  0-10-5 (OL-1), previous editions of this form are obsolete

C DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 2 WEATHER CONDITIONS MAXWELL AFB ALABAMA/MONTGOMERY 37-72 SEP STATION PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS FREEZING RAIN & /OI DRIZZLE SNOW AND/OR SLEET % OF OBS WITH PRECIP. SMOKE AND/OR HAZE DUST AND/OR SAND % OF OBS WITH OBST TO VISION TOTAL NO. OF OBS. BLOWING AND/OR DRIZZLE SEP 00-02 5,0 5,0 3144 6.0 8.0 12.2 03-05 5,4 16.4 11,5 3176 23.7 06-08 , 2 5,7 5,7 18,8 21,2 33.0 3235 09-11 , 3 4,6 4,6 2,0 3226 12-14 1.0 6,6 6,6 1.2 1,5 3233 2.7 15-17 1,6 6,6 6,6 1,5 1,8 3,3 3232 18-20 6,5 6,5 5.4 3231 4.0 21-23 .6 5,2 5,2 4 , 8 6.2 3176 1,8 C

5,7

7,5

25653

USAFETAC PORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

. 8

5,7

TOTALS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

€,

### **WEATHER CONDITIONS**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-72 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF DCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

HINOM	HOURS (L.S.T.)	THUNDER, STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTA; NO. OF OBS.
OCT	00-02	•1	3,9				3,9	7.9	11,1			16.3	3248
	03-05	.0	4,4				4.4	18,6	13,8			26.8	327
	06=08	•0	4,4				4,4	25,6	25,0			40.7	333
	09-11	•1	4,0				4,0	3,7	13,2		• 1	16.1	333
<u>.</u>	12=14	•1	4,3			!	4,3	1,5	3,1			4.5	333
	15-17	,7	4,3			•0	4,3	1.5	4,3			5,5	333
	18-20	.4	3,9				3,9	1,4	8,5			9.6	333
	21-23	,3	3,6				3,6	2,8	9,9		•1	11.9	327
TOTALS	<u> </u>		4,1					7,9					2647

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Ţ DATA PROCESSING BRANCH USAF ETAC **WEATHER CONDITIONS** 2 AIR WEATHER SERVICE/MAC Đ € MAXWELL AFB ALABAMA/MUNTGOMERY
STATION NAME VON PERCENTAGE FREQUENCY OF DCGURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS % OF OBS WITH OBST TO VISION FREEZING RAIN & /OR DRIZZLE SNOW AND/OR SLEET % OF OBS WITH PRECIP. SMOKE AND/OR HAZE DUST AND/OR SAND TOTAL NO. OF OBS. RAIN AND/OR DRIZZLE 6,1 20.3 3145 NOV SQ=00 6,0 11.3 12,0 . 0 8.4 28.3 3146 03-05 • 3 8,4 .0 19.6 14,5 8,5 3231 06-08 . 1 8,5 29,4 25,6 09-11 6,5 . 1 6,5 9.0 17,8 24.9 3227 • 0 9,9 5,8 5,8 3.9 6,5 3230 15-17 5,4 3.2 7,4 10.3 3234 18-20 5.8 11,9 14.6 3223 3.2 5,7 5,5 16.5 3203 12,0 TOTALS 10,6 13,5 21.1 25639

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDMONS OF THIS FORM ARE OBSOLETI

121

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

### **WEATHER CONDITIONS**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-72 DEC

STATION STATION NAME YEARS MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LS T.)	THUNDER. STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SHOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF-OBS T280 HTIW NOISIV CT	TOTAL NO. OF OBS.
DEC	63-02	.3	11,9		•1		12.0	17.4	13,6			27.3	3240
	03-05	. 2	12,1		• 1		12,2	22,6	13,4			30.9	3233
	06=08	,3	11,1		•1		11,2	29,5	22,8			43.1	3326
	09=11	, 2	10,9		• 1		11,0	15.8	21,7		,1	34.1	3340
	12-14	• 2	9,2		•1		9,2	8,5	10,5		,1	18,0	3333
	15~17	,3	9,7		,1		9,7	8.0	10,6		. 1	17.6	3339
	18-20	,4	10.6		• 1		10,6	7,6	14,1			21.2	3316
	21-23	. 4	11.0		• 2		11.1	11.7	13,9			23.9	3295
TOTALS		. 3	10,8		, 1		10,9	15.1	15,1		.0	27.0	26422

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### PART A

A CONTRACTOR OF THE CONTRACTOR

### ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
  - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
  - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

13821 STATION

MAXWELL AFB ALABAMA/MUNTGOMERY

46-56, 64-72

ALL

STATION NAME

нтиом

# PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY DESERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER-	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SHOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	3,9	43,3	. 5	3.1	• 2	44,5	48.1	49,7		. 3	66.8	620
F E B		5.1	43.7	. 2	2.3	• 2	41.9	44.2	44,2	• 2	• 2	59.2	566
"AR		14.1	43,0		1.7	, 5	41,8	38.9	40,5	• 2		56.3	588
APR		15,1	34,2			• 4	33,2	37.4	38,2		. 2	53.0	570
YAP		20.7	35,7			.7	34.5	37.2	37.9			52.8	589
JUN		27.8	40.7			• 2	39,5	31.1	37,8			46.3	598
JUL		37.7	51,8			• a	48.9	38,4	38,1			50.3	620
AUG		29,5	43,1				40,7	40.9	46,0			56.5	589
SEP		10.4	33,2			• 2	31,4	43.0	46,0		, 2	60.2	570
DCT		4.6	25.3				23,6	44.9	42,9			54.4	588
NUV		3 <b>.</b> 8	32,3	)	1.1		33,3	51.2	48,9			62.6	570
DEC		4.6	47,2		1.4		44.0	52.6	46,0			63.7	589
TOTALS		14.9	39,	• 1	•8	• 2	38,1	42,3	43,0	•0	, 1	56.8	7057

1210 WS FORM 0-10-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JULY 64

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

Marine District Control of the Artist Con-

### PART B

### PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION ".00" equals none for the month (hundredths)

EXTREME DAILY SNOWFALL ".0" equals none for the month (tenths)

EXTREME DAILY SNOW DEPTH "O" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each yearmonth and annual. Also prepared are the reans, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

- NOTES:
- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
  - (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
  - (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

#### Air Force Stations:

#### U. S. Navy and National Weather Service (USWB)

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

Beginning thru Jun 52 at 0030GMT Jul 52-May 57 at 1230GMT Jun 57-present at 1200GMT

2 DATA PROCESSING BRANCH USAF ETAC AIR NEATHER SERVICE/MAG

### **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-56, 64-72

YEARS

						AM	OUNTS (II	NCHES)						PERCENT		MON	HLY AMO	
PRECIP	NONE	TRACE	01	02- 05	0610	1125	.2650	.51.1 00	1 01-2.50	2 51-5 00	5 01-10 00	10 01-20 00	OVER 20 00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0104	0.5 1.4	1 5-2 4	2534	3 5 4 4	4.5.6 4	6.5 10 4	10 5-15 4	15.5.25 4	25 5 50 4	OVER 50.4	MEASUR-	OF OBS	MĒAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	46	7.12	13.24	25.36	37-48	49-60	61-120	OVER 120	AMTS	·			
JAN	55.Z	13,3	2.0	4.8	4.3	5.6	5.8	5.8	3.0	.1				31.5	744	3.86	10.57	,34
FEB	55.0	10.6	1.4	4.9	3.7	5.8	8,3	6.0	4,1		.2			34,4	651	4.31	8,11	1,5
MAR	-56.1	11.8	լ.5	2.7	3,2	5,7	6,1	6,7	5.7	,5				32.0	743	5.94	14.04	2.2
APR	62.8	10.3	1.7	3,6	2.4	5,3	5,4	4,9	3.2	,6				26.9	720	4.07	11,23	1.0
MAY	62,6	12.0	1.3	4.0	3.2	4.4	4,6	4.4	3.2	, t				25.4	743	3.47	7.36	.41
אטנ	58.6	11.4	• 8	5.4	2.1	5.7	6,0	5.8	3.5	,4	.1			29.9	718	4.45	12.22	2,0
JUL	48.0	14.7	1.6	5,3	4.2	8,0	7.6	5.7	4,3	.7				37,2	741	5.49	9.71	2,5
AUG	55,8	15.8	2.0	4.8	2.7	5,2	5,6	3,8	4.1	• 1	.1			28.3	713	4.18	15.39	.9
SEP	65.4	12.4	.4	4.1	3.2	4.7	3.3	2,8	2.9	,5	.1			22,2	749	3.50	8.41	.13
ОСТ	75.7	10.6	.4	2.2	į.5	4,2	1.9	1,5	2.0	,1				13,7	744	1.81	8. Ž7	.2
NOV	66,5	10.1	1.6	2.7	2.3	4,5	4.3	4.8	2.8	13	•1			23,4	749	3.53	19.34	.1
, DEC	54.5	11.6	1.7	5.7	3.4	4,8	5.2	7.1	5,5	,4				33,9	743	5.58	10.12	.8
ANNUAL	59.7	12.0	1.4	4.2	3,0	5,3	5,3	4.9	3.7	,3	.0			28.2	8758	50.19	X	$\searrow$

1210 WS JUL 64 0;15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF/ETAC/OL A AIR WEATHER SERVICE/MAC

### **EXTREME VALUES**

PRECIPITATION

(FROM DAILY OBSERVATIONS)

13821 MAXWELL AFB ALABAMA/MONTGOHERY 37-56, 64-72

24 HOUR AMOUNTS IN INCHES

YEAR	JAN.	FEB	MAR.	APR.	MAY	אטנ	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
37				]			i						
38	78		1 72	7 4 9	.57		1.47	<b>8</b> 60	99	1.0	77	1: 20	18.40
40	.75	2.03	1.73	2.05	.34	1.46	1.47	5.60 96	.83	.19	.27 1.58	1.30	2,28
41	1,63	1.30	1.89	.52	47	1,41	1.28	1.70	90	1.08	49	2.82	2,82
42	7.3	*****	***	•••		4.1	7177	. 771	1.47	7.71	1.00	3.02	71-1
43	2.19	.65	3,59	.91	2.36	1.06	2,18	2.29	.74	1,35	.2.67	1,39	3,59
44	2,94	1,08	3,75	3,44	1.02	. 68	1,00	1.09	1,39	.23	1.46	1.06	3,75
45	1,23	1,81	.87	2,71	2.80	2.01	1.33	1,05	1.50	1,25	2,36	2,08	2,80
46	1,60	1,36	2,19	1,15	1.78	6,28	2.09	1,58	1.96	1,06	.60	1,36	6,28
47	2.34	.90	1.51	1,61	1,60	1,03	2.00		.10	,20	2.06	1,25	.2,50
48	1,48	1.18	2,33	.72	1.42	.85	3.42		1,34	1.09	5,85	1:30	.5.85
49	,92	1,00	.94	1,55	1.64	3,75	4.68	2.44	.82	1.34	, 13	1,40	4.60
50	1,29	1.40	, 91	1.30	1,52	1,65	3,81	1,31	3,87	, 45	,63	1,90	3,8
51	.82	.58	1.88	.89	1.06	1.45	1,77	1,43	2.80	. 53	1.06	1,60	2,8
52	1,40	1.11	1,65	1041	1,06	1,20	1.22		1.07	.87	.39	1,39	.1.6.
53	1.1	1,60	1,48	3.09	.75	,92	1.80	.48	5.39	.23		3.07	5,39
54	,40	5.09	1,61	2,12	, 5 B	,64	- 84	,45	.16	1,30	. 52	1,13	5,09
55	1.06	1.72	2.29	3.04	1.55	1.20	3.00	1,62	, 37	.44	1.45	57	3,04
56 64	1.06	1.04	E . 6 Y	1,02		4020	1007	<del>  </del>					
65		ì	1	1		1			3,60	ļ	.69		
66	.94		¥ 1.87	, 85	1.29	.96	1.45	1,17	2,41	3.30	2,00	2,30	
67	.86	2.12	* 1.87 1.03	99		3.16	1.84	1.35	2.16	1.68	1.34	2.29	:3,16
68	.91	.83	1.24	1.66	1.11	* 2.03	.80	1,45	1.06	1,21	2,50	1,53	:2 ,5(
69	1.12	1.48	2.58	83	1.34	.66	2.07	2.39		1.62	26	1.15	* 3.89
70	1.71	1.03	2.27	90	1.00	.2.52	3,12		1.70	1.46	1.11	1.79	3.12
71	1.08	1.39	2.62	2.46	1.22	56	1,57	1.22	2.45	31	96		3 1 2 4 2
72	1.01	1,41	2,30	.73	2,27	.2.19	1.1,84	• 4	1,14	1.16		1,80	:2,30
MEAN	1.288	1,446	1,904	1,523	1,319		1,965		1,732	,979		1.730	3.61
S D	.561	.888	,775	.868	.644		.981		1.335	.694		.636	1.31
TOTAL OBS.	744	NUTE	743	720 SED UN	743	718	741	713	749	744	749	'743	8758

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING BRANCH USAFZETACZOL A AIR WEATHER SERVICEZMAC

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-56, 64-72
STATION NAME

### TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB	MAR.,	APR	MAY	אטן.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
37													
38	2.71	5.66	5.00	2.20	2.26	3,77	3.39	15,39	2,84	- 24	.54	.2,55	*46.57
40	3.76	4.92	5.63	4.10	75	7.47	5.62	2.51	23	, 26 53	3.88	7.93	47,33
41	2.90	3,53	4.92		.47	6,57	6,77	3,60	2,34	1,47	1.25	10.12	46,21
42		7,94	4 4 2	, , , , , , , , , , , , , , , , , , ,	• • •	, ,	2111	3050	2.25	1.32	1.74	9.02	25954
43	5,02	1.79	14.04	1.48	3.40	.2,88	6.06	3.37	2.35	1.58	3,45	3.08	48,51
44	5.18	5.91	10.19	8.69	2.36	2.57	3.55	4.83	2.54	.36	5.33	3.25	56.76
45	2,58	3.85	2,97	11.23	4.74	6.11	5.41	1.99	4.43	2,51	3,29	7.49	50,60
46	7.09	3.73	9.08	2.89	7.36	9,46	7:70	4.73	7.10	1,38	3.47	.276	→66375
47	10.57	1,59	5.87	7.10 2.04	3,65	3,97 2,47	4.24	6.75	.13	.74	8,19	4672	57.52
48	3,52	5.42	7,37	2.04	3.54	2,47	6.06	3.75	2,95	1.07	17.37	13,32	61,32
49	2.33	4.98	4,92		2.72	12.22	8.74	5,46	1,46	3,20	•13	3.73	54,43
50	2.36	3.53	3.97	3.83	4.72	2.98	9.71	2.75	6,63	1.04	.87	14,53	46.92
51	3.92	1.68	4.34	3.87	2.65	3,17	3,73	3,28		1,43	3.16	4,94	44 (78
52	2.79	3.84	6,58	3.46	5.55	2.35	2,87	3.87	2.94	,84	1.08	6.91	43.12
53	3,50	0.07	3,18	9.20	3.16	4,21	0,23	1,15	7.15	. 36	2.26	9.58	36,11
54 55	3,29	6,88	4,26	2.85	5.85	2.11	3.40 6.30		• 46	1,91	1.81	3,74	30,16
56	2.32	2.58	7,95	6,35	.86	3.80	4.76	3,17	• 42	1,13	3.45	, 89	30,31
64	4,34		1075	2.18		79,00	7010	<del>  </del>					
65		•							.4.33		1.40		
66	5,63		* 5.83	1.64	2,60	2.23	3,36	2.95	6.87	8.27	4.50	5.62	·
67	3,25	5.12	2.29			7.83	8.05	3.94	3.89	4.21	2.92	9.85	·*\$7.374
68	3.13	2.12	2,54	4.44	1,95	+ 2.20	2,52	3,71	1.47	1,29		16,51	+38.28
69	2.20	5.00	5.44	2.70	5.88	2.07	5.98	7.33		1,71	.64	4.05	1448.27
70	3,86	3,66	6.70	2.34	3.48	6.52	6,02	16.46	.2,47	4.35	2.03	15,29	,53,18
71	2.95	8,11	11.33	5.11	4.30	2,79	6.63	2,93	5,52	.58	2.28	* 6757	*59.10
72	6.74	3,99	5.80	1,05	3.71	4.93	4 4 9 7 5	1,27	2,95	1,48	+ 4.92	7.56	** 49.613
MEAN	3,856	4.311	5,944	4.068	3.470	4,455	5.494	4.180	3,504	1.814	3,534	5,584	30,233
S D.	2.043	1.692	2,917	2,670	1,773	2,686	1.907	2,969	2,386		3.819		8,538
TOTAL OBS.	744	651		720 SED ON	743	7718	741		749	744	749		8758

NOTE \* (MASED ON : FULL MONTHS)

USAF ETAC FORM 0-89 5 (OU)

DATA PROCESSING BRANCH USAF ETAC AIF WEATHER SERVICE/MAC

### **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

13821

MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME

The second of th

37-56, 64-72

YEARS

						AM	OUNTS (I	NCHES)						PERCENT		MON	HLY AMO	UNTS
PRECIP.	NONE	TRACE	.01	02 05	.06 10	.11- 25	26 50	.51 1 00	1 01-2.50	2.51-5 00	5 01-10 00	10 01-20 00	OVER 20 00	OF DAYS	NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0104	0 5 1.4	1.5-2 4	2 5-3 4	3,5.4.4	4564	6 5 10 4	10.5-15 4	15 5 25.4	25 5 50 4	OVER 50.4	MEASUR- ABLE	OF OBS	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	١	2	3	46	7.12	13 24	25-36	37-48	49-60	61-120	OVER 120	AMTS				-
JAN	97.3	2.4	•3									]		.3	586	Trace	, 2	; c
FEB	97.5	2,3	•2											,2	481	TRACE	,4	• 0
MAR	98,4	1.6													557	TRACE	Trace	.0
APR	100.0														-540	.0	,0	.0
MAY	100.0														-558	.0	,0	•0
NUL	100.0														538	•0	,0	•0
JUL	100.0														.558	.0	,0	.0
AUG	100,0														527	.0	,0	•0
SEP	100,0														-540	•0	•0	• 0
ОСТ	100.0					١.									-527	.0	<b>,</b> O	•0
ноч	99.1	.9													540	TRACE	TRACE	
DEC	98.5	1.5						<del>                                     </del>							526	TRACE	TRACE	.0
ANNUAL	99.2	.7	•0											,0	6478	.0	$\times$	$\times$

1210 WS JUL 64 0-15-5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF/ETAC/OL A AIR WEATHER SERVICE/MAC

### **EXTREME VALUES**

SNOWFALL

MAXWELL AFD ALABAMA/MONTGOMERY 37-56, 64-72

(FROM DAILY OBSERVATIONS)

### 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN,	FEB.	MAR	APR	MAY	NUL.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
37						i				••			
38													
39				l	l		1	1	-				
40													
41				[	1	ŀ		İ	- 1				
42													
43				[		1		Ī	l				
44													
45 46	TOACE	_				ام		ام	اء				
47	TRACE	• 0		•0	•0	•0	• 0	•0	•0	•0	•,0		TRACE
48	.0	• 0	TRACE	•0	• 0	• 0	• 0	0,	•0	•0	•0	•0	TRACE
49	TRACE	• 0 • 0	.0	0.0	•0	.0	0,0	•0	•0	•10	<u> </u>		
50	.0	.0	THACE	0	0	.0	0	0	.0	•0	TRACE	TRACE	TRÁCE TRÁCE
51	.0	TRACE	TRACE TRACE	•0	•0	0	.0	•0	•0	•0 •0	INACE	•0	TRACE
52	.0	TRACE	TRACE	.0	.0	.0	.0	.0	0	•0	.0		TRACE
53	.0	.0	.0	•0	•0	ō	,0	,0	,0	•0	.0	TRACE	TRACE
54	.0	ō		,0	0	.0	.0	.0	.0	.0	20	.0	TRACE
55	TRACE	.0		•0	•0	,0	•0	•0	•0	•0	Ō	•0.0	TRACE
56	.0	. 0	.0	.0	.0	.0	.0	•	* -1	•	, ·	• "	1
64	* .0					<del></del>							
65				ļ	- 1	ļ	1		.0		<b>.</b> 0		
66	,2		# .O	•0	•j'Ω	•0	,0	•0	,0	•0	TRACE	TRACE	
67	.0	TRACE	TRACE	.0	₽0	.0	.0	•0	• 01	.0	TRACE	'TRACE	TRACE
68	TRACE	. 4		• 0	• 0)	,0	•0	. , 0	•0	•.0	TRACE	•0	• 4
69	.0	.0	.0	.0	00	.0	.0	0	• U	<b>\$0</b>	.0	TRACE	TRACE
70	TRACE	0	.0	•0	90	. 0	•0	• 0	,0	•'0	,0	,0	TRACE
71	.0	TRACE	TRACE	.0	<b>30</b>	.0	• 0	.0	.0	0 ر	<b>;</b> 0		TRACE
72	0	• 5	•0	•0	•,0	,0	• 0	•0	• 0	•0	· O	•,0	• C
MEAPI	.02	.02	TRACE	,00	,00	.00	,00	.00	.00	.00		TRACE	•03
<u> </u>	,062	.097	,000	.000	.000	.000	,000	,000	.000	•000	÷000	,000	.282
TOTAL OBS.	586	NUTE	957 + (BAS	540 ED UN	358   <b>358</b>	538	558	527	.540	527	1540	-526	16478

USAF STAC FORM 0-88-5 (OU)

DATA PROCESSING BRANCH USAF/ETAC/OL A AIR WEATHER SERVICE/MAC

(FROM DAILY OBSERVATIONS)

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-56, 64-72

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH	SAN.	FEB.	MAR.	APR.	MAY	NUL	וטר.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
37					<u>(</u>								
38													
39				1	1	i		ļ					
40													
41	į		1	1		j	]	j	]			1	
42													
43			1		İ	İ			1				
44			·									<del>  </del>	
46	TRACE	0	.0	0	• 0	.0	.0	.0	.0	.0	.0	٥٠	TRAC
47	.0	.0	TRACE		• 0	.0	,0	0		9,0	<b>60</b>	.0	TRAC
46	. 2	Ö	.0	0	.0	. 0	.0	.0	.0	0			. •
49	TRACE	.0		·C	•0	.0	.0	• 0	•0	•0	.0	TRACE	TRAC
50	.0	.0	TRACE	0	0	. 0	. 0	. 0	, 0	0		TRACE	TRAC
51	,0	TRACE	TRACE	•0	• 0	, 0	.0	,0	•0	•,0	0	.0	TRAC
52	.0	TRACE	TRACE	0	•'0	. 0	.0	• 0	• 0	0.0	0	0	TRÁC
53	.0	.0	.0	• 0	•0	.0	. , 0	• 0	• 0	• 0	.0	TRACE	TRAC
54	0	0	TRACE	0	, C	. 0			0	<u>.</u> 0	. 0	0	TRAC
55	TRACE	.0		, C	<b>₽</b> 0	• 0	,0	• 0	• 0	• O	.0	•0	TRAC
56	,0	0	0	0	.0		. 0				·		
64	* .0		ı	-	1	l	1					l š	
63									•0		.0		
66	. 2		* .0	0	• 0	.0	0	0	•0	•,0	TRACE	TRACE	
67	0	TRACE			•10	<u>• \</u>	• 0		• 5	•0		TRACE	*TRAC
68	TRACE		TRACE	ď	•0	0	.0	, D	00	•0	TRACE		
69					- 70					• 0			*TRAC
70 71	TRACE	TRACE	TRACE	0	0	.0	0	0	.0	•0	0.0	* .0	*TRÁC
72	,0	•0	· O	,0	•0	- 0	,0	.,0		÷0	.0		0, *
MEAN	,02				.00	.00		.00	.00	.00			
S. D		.027					.000						-10
OTAL OBS.	,062 386		•000 557	-000	,000 558	7000	558	527	:540	•000 527			· • 10
IOIAL OBS.	260	NOTE NOTE	737	540	'2 FUI			.261	1290	227	1240	526	104

NOTE \* (BASED ON K FULL HONTHS)

USAF ETAC FORM 0-88-5 (OU)

#### **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF SNOW DOPTH (FROM DAILY OBSERVATIONS)

13621 STATION

MAXNELL AFB ALABAMA/MONTGOMERY 37-56, 64-72

						AM	OUNTS (I	NCHES)						PERCENT		MON	ITHLY AMO	
PRECIP.	NONE	TRACE	<b>0</b> 1	.02- 05	.06-10	1125	26- 50	.51.1 00	1 01.2 50	2.51-5 00	5 01-10 00	10 01-20 00	OVER 20 00	OF DAYS WITH	TOTAL NO		(INCHES)	
SNOWFALL	NONE	TRACE	0.1 0 4	0 5-1.4	1.5 2 4	2 5-3 4	3 5 4.4	4.5 6 4	6.5-10 4	10 5-15 4	15.5-25.4	25.5-50.4	OVER 50 4	MEASUR- ABLE	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4.6	7.12	13-24	25.36	37-48	49-60	61-120	OVER 120	AMTS				
JAN	99.9	<b>,</b> ì													775			
FEB	1 <b>00</b> .0										}				651			
MAR	1 <i>0</i> 0,0														743			
APR	100.0														719			
MAY	100.0														744			
אטנ	100.0		•												713			-ru
JUL	100,0														744			
AUG	100,0	-							,					, i	713			
SEP .	100.0														150			
ост	100,0							,							744			
моч	100,0														750			
ĎEC	100,0			-											743			
ANNUAL	100,0	.0													8794		X	$\times$

1210 WS JUL 64 0:15-5 (OLI)

#### **EXTREME VALUES**

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

MAXWELL AFB ALABAMA/MONTGOMERY 37-56, 64-72

#### DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
37	<u> </u>			1									
38	0	<del></del>			- 0		<u>-</u>		<del></del>				
39 49	TRACE	O,	0	0	.0	O O	0	0	0	,O	·0	0	7846
41	O	<del>_</del>	0	O O	10	0	0	<u> </u>	Ö	10	10	10	TRAC
42	7	٦	٦	Š		1	٦	Ĭ	o	, o	0	0	,
43	O,	0	0	0	:0	0	O.	0	Ō	70	; <b>0</b>	10	
44	0	0	0	0	,O	0	0	0	0	,0	.0	-0	
45	0	C,	0	O	٠0	O <sub>i</sub>	O,	0	0	0	,0	0	31
46		0	0		0	0	0	0		0	,0	0	
47	O,	O,	0.0	O,	0	0	O,	0	O	0	0	.0	اء
48	0	<u> </u>	0		·0		0	<u> </u>	<u> </u>	.0	0	,0	5 <b>(</b>
49	0	9	Q	O,	.0.	0	0	0	0	0	.0	0	
50 51	_ <del>o</del>	0	Ö	0	.C	<u> </u>	0	<u> </u>	0	,0 ,0	0	0	
52	o.	o o	ŏ	ŏ	0,0	ŏ	o:	ŏ	ŏ	0	Ý	, ol	
53	ō.	0	Ö	0	10	ŏ	0	<u> </u>	- ŏ	0.	, <u>o</u>	,0	<del>,</del>
54	o	ŏ	o.	Ö	,0	Ŏ	o	ō	·o	· o	10	o l	3
55	0	Ö	0	0	10	O	0	Ö	ō	,0	.0	0	
56	O,	d	0	0	10	O	0						_
64	O.												
65									0		0		
66	g	_1	* q	O,	O	q	Q	q	Q	10	.0	,0	
67	g		<u>o</u>	9	<u>,0</u>	<u>0</u>	0	<u>_</u>	<u> </u>	<u>.o</u>	<u>,0</u>	10	*
68	O	g	Ō	O	ÓÖ	- 1	g	g	O	ò	Ō	:0	3'
70	0	<u> </u>	0	<u> </u>	, <u>0</u> ,	<u> </u>	0	<u>.0</u>	-0	,0	,0	-0	1
71	ď	ď	:0	ŏ	,0	ă	9	ŏ	o	O	;O+	0	F# 3
72	ŏ	ď	o o	ŏ	10	ă	ď	<del>- 0</del>	Ö	,0	,0,	- 0	:
MEAN	TRACE	• 0	.0	.0		.0	.0	.0	. 0	.0	,0	.0	
S D.	.000	•00d	.000	.000	.000	.000	.000	.000	.000	.000	-000	743	,00 879
TOTAL OBS.	775	651	743	719	744	718	744	713	750	744	750	743	879

USAF ETAC FORM 0-88-5 (OLI)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART C

Ð

#### SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHEF surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

C - 1

74-29962

DATA PROCESSING BRANCH USAF/ETAC/OL A **EXTREME VALUES** AIR HEATHER SERVICE/HAC SURFACE WINDS (FROM DAILY OBSERVATIONS) HAXWELL AFB ALABAMA/MONTGOMERY 42-45, 53-56, G4-72 DAILY PEAK GUSTS IN KNOTS HTMOM SEP. OCT. NOY ALL MONTHS YEAR 42 SE #37HNH 32HNH 40W #30HH 18HNE 46W 29HNW 28HNW 35 SW 43HNW 26NNW 44ESE 45ENE 52EHE 41HNW 305W 40HNW 42 NNW 38K 52W 30NE 52NE 26E 40W 515SW 47W 33 39NNW 362 40WNW 3955W 34W 52WNW 4355W 45NW 33E 3055W 29W5W 21W 5855W 325W 36N 4255W 3055E 5855W 325 31NW 295W 21ENE 37W 33N SSE 66 WNW 3055E 36 ENE 37 26ENE 33WNW 23WW 37ESE 23B2/ 33 6/ 67 32ENE 21 HSH 28NH SŴ SH 37NNW 265 305W 21ESE 37ESE 2332/ 33 6/ 3131/ 1830/ 2224/ 2827/ 33 19/ 2130/ 4013/ 3132/ 2436/ 3818/ 25 2/ 2615/ 2314/ 2017\* 21 34\* 2516/ 2629/ 42 6/ 4418/ 3329/ 2618/ 3916/ 4615/ 2119/ 2312/ 38 32/ 3021/ 5030/ 4033/ 33 6/ 3830/ 4133/ 4534/ 2511/ 2528/ 2424/ 28 8/ 27 32/ 4231/ 3628/ 5022/ 2717/ 31 4/ 3227/ 4036/ 3419/ 21 6/ 2126/ 2731/ 31 68 69 70 G 71 72 C

Comment of the state of the sta

1

S. D. TOTAL C35

33.9 37.1 38.7 34.2 35.8 34.1 35.1 30.1 29.8 27.9 30.5 32.7 5.890 8.251 9.967 7.83010.503 6.752 9.742 9.22510.721 8.670 7.118 5.901 327 313 370 373 401 384 392 355 356 342 329 337 NUTES + (BASED ON & FULL HONTHS) ... (BASED ON & FULL HONTHS AND +100 KNOTS) USAF ETAC FOOL 0-88-5 (OU)

47.0

2 0

1, 1

(1

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGOMERY  STATION RABE	37-72 YEARS	ALL MYM
	ALL W	EATHER	ALL HOURS (LS.T.)
	co	MDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	1.9	1.3	. 3	.0	.0	•0	٥				5.0	5.6
NNE	1.5	1.6	• 9	2	.0	.0	.0	.0				4.3	5.1
NE	2,6	2.8	1,4	. 2	• 0	•0	• 0					7.0	4.9
ENE	1,4	2.0	1.4	,3	.0	• 0						5.1	5.'i
E	7	2,6	2.1	. 4	.0	• 0	• 0					6.8	5,9
ESE	.7	1.3	1.1	. 2	.0	•0	•0					3,2	6.3
SE	1.3	1.9	1.3	.3	.0	•0	•0	•0				4.7	5,8
SSE	7		,9	.3	.0	•0	• 0					3.0	6.4
<u> </u>	1.5	1.8	1.3	. 4	.1	•0	.0					5.1	6.0
ssw	. 9	1.2	. 9	, 3	• 1	•0		•0				3,4	6.2
_sw	1,6	1,8	1.03	, 5	-1	•0	-0	•0		<u> </u>		5.2	6,0
WSW	, 9	1.2	.9	, 3	, 1	•0	•0			.0		3.5	6.4
<u>w</u>	1.5	2.1	1.8	8.	,2	-1	-0	•0		-0		6.3	6.9
WNW	,7	102	101	٠7	,2	•1	•0	•0	ļ	.0		3.9	8.1
NW	1,0	1.3	1.6	.9	, 2		0	0		ļ		5.1	7.9
NNW	• 7	. 9	1.0	.4	- 1	•0	•0					3.1	7.0
VARBL	L								ļ	<u> </u>			
CALM	$\geq \leq$	$\geq \leq$	$\gg$	$\searrow$	>>	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	25,3	energe v
	20.3	26,5	20.2	6,3	1.1	, 3	.0	.0	<u></u>	.0		100.0	4,6

TOTAL NUMBER OF OBSERVATIONS 304411

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Constition | Co

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 · 47	48 - 55	≥56	%	MEAN WIND SPEED
Z	1.5	2.0	2.2	.4	.1	•0						6.2	6.3
NNE	1.4	1.5	1.2	.1	.0							4.3	5.4
HE	2.0	2.2	1.2	1	Q							5,5	4.9
ENE	1.2	1.7	1.4	.3	•0							4.7	6.0
E	1.5	2.5	1.9	.3	•0	•0						6.2	5,8
ESE	.6	1.3	1.0	. 2	.0	•0						3.1	6.3
SE	1.1	1.8	1.4	.4	.1	•0						4.9	6.2
SSE	. 7	1.1	1.0	. 4	.1	-0						3.3	7.1
S	1.2	1.7	1.6	.7	.2	•1	• 0					5.5	7.1
SSW	, 8	ä	1.0	.4	.1	• 0		•0				3.1	6.5
:w	1.1	1.2	1.2	.6	.1	•0		•0				4.3	6.9
w	.7	. 8	. 9	, 4	.1	•0	•0			·	,	2.9	7.3
w	j	1.8	2.0	1.0	. 4	1	.0	.0				6.4	8.3
WNW	8	1.3	1.7	1.4	.3	- 1	•0	.0				5.7	9.0
NW	i.1	1.8	2.7	1.9	. 5	• 0	•0	• 0				8.1	8.8
NNW	.6	1.3	1.5	8.	.1	• 0						4.4	7.6
VARBL													
CALM	$\supset <$	> <			><		> <		$\supset$	$\supset <$		21.6	
	17.4	24.9	24.1	9.5	2.0	.5	.1	•0				100.0	

TOTAL NUMBER OF OBSERVATIONS 25838

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEATHER SERVICE/MAC 2 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED 1 (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY ALL WEATHER SPEED (KNTS) DIR. 1 - 3 N NNE NE .0 ENE ESE SE SSE s •0 SSW 0ء SW 0 wsw •0. WNW 0 NW NNW VARBL 17,5 CALM

TOTAL NUMBER OF OBSER/ATIONS

A CONTRACTOR OF THE PROPERTY OF THE PARTY OF

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DILECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGOMERY	37-41-43-72	MAR
	ALL	WEATHER CLASS	MOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	1.8	1.7	. 4	.0							5.1	6.
NNE	1.1	1.5	1.0	. 3	. 0	•0		.0		L		3.9	5,
NE	1.9	2.2	1.4	. 2	.0							5.6	5
ENE	1.1	1.6	1.1	.2	.0							4.0	5,
E	1,3	2.2	1.8	.4	_,0							5.8	6,
ESE	,6	1.2	1.3	.5	• 0.	•0	•0					3.6	7
SE	1.2	1.9	1.5	. 5	• 1	•0						5.3	6
SSE	•7	1.4	1.4	.5	.1	•0		<del></del>				4.0	6
S	1.4	2.2	2.3	1.0	.1	•0	•0					7.2	7
SSW	.8	1.3	1.8	.9	, 2	•0		.0				5.0	7
sw	1.1	1.6	1.6	1.0	.2	•1		1				5.6	7
WSW	.0	1.0	1.0	.7	,2	• 1			j			3,5	8
w	1.1	1.8	2.1	1.5	.5	•2	•0			.0		7.1	8
WNW	.6	1.1	1.7	1.3	.6	,2	.0	i			i	5,5	10
NW	.8	1.6	2.6	1.7	.5	•2	.0	<del>                                     </del>				7.3	9
NNW	.5	1.0	1.5	. 8	.1	•0					i	3.9	8
YARBL						<del> </del>							
CALM	$\times$	$\times$	$\times$	$\times$	$\times$	>	$\geq$	$\boxtimes$	$\geq$	$\geq$	$\geq$	17.6	
	15.8	25.6	25.8	11.8	2,5	.8	•0	.0		.0		100.0	6

TOTAL NUMBER OF OBSERVATIONS 24981

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND T. DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) Ţ, MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 Ţ ALL WEATHER **£** MEAN WIND SPEED 7 - 10 11 - 16 И 1.2 1.4 1.0 5.6 NNE **.**7 ٥٠ NE 2.1 .0 4.9 €. 1.0 3.1 5.2 ENE 3,2 .0 <u>1 - 1</u> •0 .0 E 2.0 ESE .8 1.5 .4 .0 • 0 .0 1.6 SE 2.4 1.9 •0 , 8 SSE 1.4 .4 • 0 .7 5 8.5 2.0 2.4 • 0 5.9 .7 6.7 SSW 1.6 •0 6.8 sw 1.6 2.0 . 8 •0 .0 WSW •7 . 5 1.3 1.3 1.2 1.2 .3 •0 6.8 8.1 W 2.0 3.5 8.9 WNW ععد .8 •0 9 4.9 8.4 ( NW .0 7.2 NNW ,6 .5 .0 .0 3.0 VARBL 21.4 100.0 C TOTAL NUMBER OF OBSERVATIONS USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CASCIFEE

with the second section of the second

DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MUNTGUMERY 37-41,43-72 ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 7 - 10 11 - 16 17 - 21 28 . 33 41 - 47 4R - 55 NNE ٥٠ NE •0 ENE •9 3.7 1,1 E 1.6 ESE 1.0 SE .0 SSE .0 •0 S ,0 •0 1,2 1.1 .0 SSW •0 sw .6 WSW •0 1.6 w .6 .0 ,7 WNW •0 3.1 1.0 .0 3.5 6.6 •0 0 6.1 VARBL 27,3 TOTAL NUMBER OF OBSERVATIONS 25717

Marine Commission of the Commi

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND 3. DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 4 - 6 7 - 10 17 - 21 22 - 27 28 - 33 41 - 47 ≥56 11 - 16 48 - 55 NNE 0 2.2 1.5 NE ENE .0 E 1.8 .0 .0 ESE .0 1.0 SSE s 0 ٥ ssw 0 •0 ·O SW 9 • 0 WSW 1.4 .0 •0 W WNW ۰ NW NNW VARBL CALM 28.9 TOTAL NUMBER OF OBSERVATIONS 24837 USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH

ETAC/USAF
AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72
STATION MAKE

ALL WEATHER
CLASS

COMDITION

CONDITION

SURFACE WINDS

SURFACE WINDS

AIR WEATHER

BOATA
HOUSE (L.X.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	1.2	. 5	1	•0		•0					2.9	4.7
NNE	1.1	1.1	.4	1			l			l		2.7	4.5
NE	1.8	2,3	1.0	1	.0		.0					5,2	4,9
ENE	1.0	1.6	1.0	.2	• 0		l					3.8	5.6
E	1,5	2.2	1.5	.2	.0							5.4	5.6
ESE	.6	1.3	. 8	1	0				<u>                                     </u>	1		2.9	5.8
SE	1.6	2.1	1.3	- 1	. 0			.0				5.1	5.3
SSE	. 8	1.2	. 7	. 2	.0		.0			1		2.9	5.6
\$	2.1	2,2	1.2	. 2	.0	.0						5.7	5.1
ssw	1.7	1.7	. 9	. 2	0	0	<u> </u>	<u> </u>				4.5	5.0
sw	2.7	3.6	1.6	.3	0					<u> </u>		8.3	5.1
wsw	1.7	2.5	1.4	2	.0		0					5.8	5.3
w	2.2	3.4	2.1	. 4	.0	• 0		<u> </u>	<u> </u>	<u></u>		8.1	5.6
WNW	. 9	1.2	7	1	0	-0		<u> </u>				2.9	5.4
NW	. 9	1.Ô	5		.0	-0		<u> </u>				2.6	5_3
WNN	. 6	. 5	.3	1	.0	.0		İ				1.4	5.0
VARBL							<u></u>						
CALM	$\geq \leq$	><	$\geq$	$\times$	$\times$	><	$\geq \leq$	><		$\geq \leq$	><	29,7	
	22.3	29.3	15.7	2.0	.3	ì	.0	.0				100.0	3.

TOTAL NUMBER OF OBSERVATIONS

25489

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY 37-01,43-70,72 ALL WEATHER N NNE 0 .0 E •0 ٠Õ ESE SE •0 \$\$E .0 5 SSW .0 2.2 .0 SW ٥٠ wsw W •0 .6 •0 WNW •0 NW .0 NNW 32.5 CALM 100.0 TOTAL NUMBER OF OBSERVATIONS USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGOMERY	37-72 YEARS	<u> </u>
		ATHER	HOURS (L.S T.)
	COND	OITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.0	1.9	1.1	.2	.0	•0	•0		1			5.3	5.1
NNE	2,2	2.0	1.1	,2	.0	•0	• 0				i	5.6	5.0
NE	4.0	4,5	2.7	,6	.1	•0						11.8	5,3
ENE	2.2	3,8	3.0	.8	.1				<del></del>	i	<del></del>	9.9	6,2
Ε	2,3	4.2	3.8	.9	.1	•0			<del></del>			11.3	6.4
ESE	.8	1.4	1.2	.2	•0	•0			<del>                                     </del>		i	3.7	6.
SE	1.4	1.7	1.0	.1	.0							4.2	5,2
SSE	.6	. 8	.5	.1	.0	•0					<del></del>	1.9	5,2
5	1.1	1.2	.6	.1	.0							3.0	5.0
ssw	.6	.7	. 4	•0	.0					·		1.7	5.2
SW	1.2	1.2	.5	.1						<u> </u>		3.0	4,
WSW	.6	.7	.3	.1		•0					<del></del>	1.7	5.0
w	1.3	1.3	•7	.1	.0	•0					<del></del>	3.4	5.0
WNW	.6	.6	• 5	. 1	.0							1.7	200
NW	1.1	1.0	• 8	• 2	.0								5.6
NNW	.6	.7	•6	•2	.0	•0						1-0	5,4
VARBL			- 10	- 16		•••						2.1	6,0
CALM	$\geq \leq$	$\geq <$	> <	> <	> <	> <	> <	> <	>>	> <	>>	26.7	
	22.5	27.6	18.7	4.0	, 3	• 1	.0					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 25651

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

The state of the s

DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

2

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HAXWELL AFB ALABAMA/MONTGOHERY 37-72

					ALL WE	ATHER							1 (L3 T.)
	_			·	COM	DITION			<del></del>	<del></del>			
SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.1	1.4	. 4	.0				<del> </del>			6.0	5.
NNE	2,4	2.1	1.2	.2	.0	•0						6.0	4
NE	4.1	4,3	2,3	3	.0							11.0	
ENE	2,2	2.9	2.1	, 5	• 0							7.7	5.
E	2.3	3.6	2.8	.4								9.1	5.
ESE	,6	1.2		. 2	• 0							3.0	
SE	1.1	1.2	. 9	1	• 0							3.3	5.
SSE	- 5	6	. 4	1	0							1.6	5.
5	1 0	7	4	•	-	,							

	4,7-					1		.1	1	_1	1	U /_ U / I -	
E	2.3	3.6	2.8	.4	.0							9.1	5.8
ESE	.6	1.2	1.0		.0							3.0	6.0
SE	1.1	1.2	. 9	1	•0					$\overline{}$	T T	3.3	5.3
SSE	,5	. 6	•4	. 1	0						T	1.6	5.7
5	1.0	.7	.4	-1	•0	•0		1	1	1		2.1	5.0
_ssw	.5	.4	• 2	.0	•0							1.1	4.7
sw	1.1		. 4	• 1	.0							2.3	4.5
wsw	.7	ó	.4	1	0					T	1	1.9	5.3
w	1.3	1.5	1.0	.3	.0	•0					T	4.1	5.7
WNW	.9	9	. 9		.0	.0						3.0	6.3
NW	1.2	1.3	1.3	. 5	1	•0						4.5	6.8
NNW	, 9	1.1	1.2	4	1	.0						3.7	6.7
VARBL													
CALM	$\times$	$\times$	$\geq$	$\geq \leq$	$\geq$	$\geq \leq$	$\geq \leq$	$\boxtimes$			$\triangleright <$	29.5	
	22.9	25.2	17.9	3.9	.5	•1			1			100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 26470

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

**1** 2

Mary Mary Comment of the Comment of

#### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| SPEED | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | 7-8 | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NIND | NI

SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	2.1	1.6	. 3	1	.0				T		5.8	5,9
NNE	1.6	1.9	1.3	.2	.0							5.0	
NE	2,9	3.2	1.2	.2	.0							7.5	
ENE	1.5	1.9	1.1	1	.0							4.6	5,2
E	1.8	2.6	1,9	5.	•0	•0						6.5	
ESE	, 7	1.2	,9	•1	.0					,		3.0	
\$E	1.1	1.8	1.5	. 2	.0	•0						4.6	5,9
SSE	, 7	1.C	. 8	. 2	.0	•0	.0					2.7	6.4
5	1.1	1.1	1.1	. 3	- 1	•0	• 0					3.7	6.3
ssw	,5	.6	. 5	. 2		•0						2.0	
sw	1.0	. 9	8	. 3	. 1	• 0						3.1	6.1
WsW	.7	. 8	•6	. 2	0	•0						2.4	6.0
w	1.6	1.9	1.7	.7	1	•0	•0					6.1	6.6
WNW	1.0	1.4	1.7	. 9	. 3	. 1						5.3	
NW	1.3	1.6	2.5	1.3	. 3	i	• 0					7.3	8.2
NNW	.9	1.1	1.5	.6	.1	• 0						4.3	7.5
VARBL													
CALM	$\times$	$\times$	$\mathbb{X}$	$\times$	$\boxtimes$	$\boxtimes$	$\times$	$\times$	$\geq \leq$	$\geq \leq$	$\times$	26,3	
	20.1	25.1	20.7	6.2	1.2	. 3	0					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 25637

USAFETAC FORM 0 8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) HAXWELL AFB ALABAMA/MONTGOMERY 37-72 ALL WEATHER SPEED (KNTS) DIR. 11 - 16 41 - 47 ≥56 1.7 NNE 1.1 NE 2.6 1.7 •0 E 1.7 .0 .0 ESE .6 ٥ SE •0 SSE 1.0 • 0 ۰ SSW SW 1.4 1.0 WSW •0 •6 1.8 •0 1.0 WNW 1.4 1.0 NW NAW . 8 VARBL 23,6 CALM 106.0

TOTAL HUWIER OF OBSERVATIONS

THE RESIDENCE OF THE PARTY OF T

USAFETAC ARE 40 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

€ **2** 

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MINTGUMERY STATION HABE	37-41,43-72	JAN HONTH
		ATHER	0000=0200 HOURS (L.S.T.)
	CON	DITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	2.6	1.8	.3	.1							7.3	
NNE	1,8	1.8	1.2	. 1	.0							4.9	5.0
NE	1,6	2,6	1.2	-1								5.5	5.0
ENE	1,0	1.2	1,3	.1	.1							3.7	6.2
Ε	1.7	2.0	1.6	.1								5,4	5,4
ESE	,5	1.2	• 9	• 2							<u> </u>	2.8	6.1
SE	1,1	1,5	1.5	, 3	. 1							4.5	6.2
SSE	. 8	. 8	.8	.4	-1							2.9	6,9
S	1,8	1.6	1.3	. 5	.0						<u> </u>	5.3	5.7
ssw	,6	. 8	. 8	.2				.0				2.4	6.3
sw	1,6	1,1	1.0	. 4	.0				<u> </u>			4.1	5,6
wsw	,6	9	• 5	. 4		•0			L		<u> </u>	2.5	6.7
w	1.0	1.4	1.6	.7	.2	•0	1			<u> </u>	<u> </u>	4.9	7.8
WNW	1.0	1.1	1.5	1.1	.0	•0		<u> </u>				4.6	7.7
NW	1.4	1.6	2.5	1.5	. 2			ļ	! <b>!</b>		<u> </u>	7.3	8.0
WMM	,6	1.5	1.5	6	1	20						4.4	7,5
VARBL							<u> </u>					ļ	
CALM	><	$\geq \leq$	$\geq \leq$	$\times$	$\times$	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	27.4	
	19.4	23.8	21.0	7.1	1.0	.2	1	j. j.			!	100.0	4.5

TOTAL NU.FAER OF ORSERVATIONS 3213

USAFETAC FORM 0 8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF PERCENTAGE FREQUENCY OF WIND AIR WEATHER SERVICE/MAC DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 13821 MAXWELL AFB ALABAMA/MUNTGOMERY 37-41-43-72 ALL WEATHER SPEED (KNTS) DIR. NNE .0 ENE .4 E ESE SE SSE \$ 1 1.0 قما SW € wsw .0 w WNW 1.6 • 9 0 NW NNW VARBL Û TOTAL NUMBER OF OBSERVATIONS 3226

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Matter and the state of the

C

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGOMERY	37-41:43-72 YEARS	
	ALL_	WEATHER	0600±0800 Pouss (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 • 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	1.7	1.9	. 4	.0							5.3	6.4
NNE	2.5	1.8	1.4	.2	.1							5.9	5.1
NE	3,3	3.1	1.8	.1						<del> </del>		8.3	4.7
ENE	1.9	2.1	1.6	.4				<del></del> -		<del></del>		6.0	5.6
E	2.0	2.8	1.3	.2	.1	•0						6.4	5.5
ESC	.7	1.1	.9	. 2	.0	• 0			· · · · · · · · · · · · · · · · · · ·			3.0	6.4
SE	1.3	1.5	1.4	.3	.1	V.			<del></del>			4.6	5.9
SSE	1.0	.6	.6	.4	.1	0				<del></del>		2.6	6.7
S	.9	ý	.9	• 2	. 2				<del></del>			3.1	6.3
ssw	.9	. 7	. 5	.0						<del></del>		2.1	4.7
sw	1.1	1.2	. 9	.2	.0			<del></del>				3.4	5.5
WSW	.6	.6	.5	.2	.1	•1		<del></del>				2.1	6,9
w	1.1	1.5	1.9	. 8	.4			<del></del>		<del></del>		5.8	8.0
WNW	8		1.1	1.2	. 5	• 1						5.3	9.1
NW	. 8	1.6	2.8	1.0	. 2								8.2
NNW	.6	1.1	1.4	.6	.0			·				6.4	
VARBL				• •								3.6	7.2
CALM		> <	>	><	> <	>	>	><	> <	>	$\overline{}$	26.0	
	20.8	23.8	20.8	6.4	1.9	3					<u> </u>	100.2	4.7

TOTAL NUMBER OF OBSERVATIONS 3

USAFETAC  $_{\Lambda\Lambda}^{FORM}$  0-8-5 (QL A) previous editions of this form are obsolete

DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND ť. DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) NAXWELL AFB ALABAMA/MONTGOMERY 37-41-63-72 ALL WEATHER -0000-1100 MEAN WIND SPEED N NNE 1.6 NE ESE SE SSE \$ SSW SW WNW NW 9.6 NNW 4.0 8.2 VARBL CALM 16,5 TOTAL NUMBER OF OBSERVATIONS 3237

USAFETAC FORAL 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGOMERY	37-41,43-72 YANG	JAN BORTR			
		ALL WEATHER CLASS				
	сож	DITION				

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	1.5	2.3	.7	.1							5.7	7.2
NNE	6	1.0	1.0	.2								2.8	6.2
NE	1.6	1.6	1.1	.0							<u> </u>	4.3	4.8
ENE	, 9	1.1	1.6	. 3	• C							3.9	6.3
Ε	1.4	3,3	2.1	. 4	.0							7.2	6.1
ESE	,6	1.0	1.1	. 3					<u> </u>	<u> </u>	<u> </u>	3.0	6,5
SE	1.1	_1.1	1.7	5	.0						<u> </u>	4.4	6.8
SSE	.5	1.1	1.3	.6	.2	1			<u> </u>			3.7	8,5
S	•6	1.5	1.9	1.4	.6		0		<u> </u>			6.2	9,5
ssw	.7	1.0	1.5	1.2	, 2	0			<u> </u>			4.7	8.6
SW	.61	1.8	2.0	1.9	, 5	1			ļ		<u> </u>	6.9	9,1
WSW	,9	1.0	1.9	. 5	,3	1	.0		<u> </u>		<u> </u>	4.7	8.0
w	, 8	2.2	2.5	1.9	. 9	• 3	.0					8.6	9.7
WNW	,9		2.2	2.6	.6	.2			ļ			7.6	10.3
NW	,9	1.7	2.8	2.9	,9				ļ	ļ	ļ	9.2	10.0
NNW	. 6	1.0	1.6	_1.1	1				<del> </del>			4.5	8,4
VARBL	<b> </b>							<u> </u>	<del></del>	<del></del>			
CALM		$\geq \leq$	$>\!\!<$	$\sim$	$\gg $	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	<u> &gt;&lt;</u>	$\geq \leq$	12.7	
	13,8	22.7	28.6	16.6	4.4	1.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 3237

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) HAXWELL AFR ALABAMA/MONTGOMERY ALL YEATHER 1500-1700. SPEED (KNTS) DIR. 1 - 3 7 - 10 17 - 21 41 - 47 и NNE 1.0 NE 0 ENE 1.6 ESE SE 1.5 SSE \$ SSW sw 2.0 wsw 1.3 1.4 WNW 2.3 1.8 NW. 9.5 9.5

14.6

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NNW VARBL

CALM

₹ 2 Out of the second second

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGUMERY STATION NAME	37=41,43=72	JAN RONTH			
	ALL WEATHER					
	CON	DITION				

SPEED (KNTS) DIR.	1 • 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.8	1.8	2.0	.4	.1							6.1	6.1
NNE	,9	1.7	1.2	.2								4.0	5.7
NE	1.4	1.3	•6	. 2								3.5	4.8
ENE	1,5	1.2	1.2	. 4								4.2	5.7
E	1.5	2,5	1.6	, 3	•0							6.0	5.8
ESE	.6	1.1	1.5	.2								3.4	6.4
SE	1.3	3,3	1.7	. 3	• 0				i			6.7	5,7
SSE	1.0	1.5	1.0	,3	• 0	•0			İ		i	3.8	6.2
_ S	1.8	2.1	2.3	,8	•0	•0	• 1					7.1	6,7
ssw	1.0	, ÿ	• 9	.3	.0							3.1	6.1
sw	1.2	1.0	, 9	.2		•0					i	3.4	6.0
WSW	.9	,6		, 3	.0	•0					i	2.4	6.2
W	1.0	2.3	1.8	,6	,2	•0	•0			i — — —		5.9	7.0
WNW	,9	1.2	1.5	1.1	.1	.2						5.0	8.4
NW	1.2	2.5	2.8	1.9	.3	• 0	• 0	•0				8.9	8.5
NNW	.7	1.4	1.7	.9								4.7	7.4
VARBL			-							1			
CALM	><	> <	><	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq$	$\geq$	$\geq \leq$	22.1	
	18.6	26.3	23.3	8.2	.9	• 4	.1	.0				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM O 8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PATTERNAL CONTRACTOR CONTRACTOR

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

MAXWILL AFB ALABAMA/MONTGOMERY 37-41-43-72

					CON	DITION				<del></del>			
SPEED (KNTS) DIR.	1.3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	ME/ WIN SPE
N	1.4	2.6	2.3	. 4								6.8	6
NNE	1.0	1.3	.9	.1							·	3.3	
NE	1.7	2.1	1.1	.1								5.0	
ENE	, Ü	1.3	1.1	. 2	.0							3.4	
E	1.1	1.8	1.7	. 4								5.0	
ESE	ξ,	1.7	1.3	. 3								3.6	
SE	1.2	2.0	1.4	. 4	1	•0						5.1	
SSE		1.4	1.2	- 6	0	•0						4.1	
S	2.0	2.7	2.0	4	.0							7.3	
ssw	. 9	1.1	1.2	3		•0						3.6	
SW	1.2	1.0	8	3	.0			<u> </u>				3.4	
wsw	. 7	5	6	. 3								2.1	
w	9	1.4	1.4	7	.0	1		.0				4.5	
WNW		1.6	1.5	6	2			0				4.6	
NW	104	2.3	2.9	1.5	5	0	0	0				8.7	4
NNW	- 9	1.5		7	0							4.6	
VARBL			<u> </u>					ļ				ļ	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$> \leq$	$> \!\!\!\! >$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	25,1	
	17.1	26.5	22.7	7.1	1.0	.3		1				100.0	L
	,	• •	•				, -		TOTAL NUA	ABER OF UBS	ERVATIONS		_ 3:

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CONTRACTOR SECTIONS

O

#### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37=41,43=72 FEB NORTH

STATION NAME

ALL WEATHER

COMDITION

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 • 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.1	1.4	.3	1							6.0	- 5
NNE	و و ا	2.5	.7	- 1								5.2	4
NE	2.4	3.i	. 9	. 1							L	6.4	4
ENE	1.3	1.7	1.4	. 2	1							4.7	5
E	1.2	2.0	1.8	. 3	0							5.4	6
ESE	.6	1.0	.9	. 3								2.7	6
SE	1.8	1.9	9	. 4	0							5.0	5
SSE	1.0	1.1	1.0	.4	1							3.5	6
S	1.5	2. î	1al	4								5.1	5
ssw	iai	1.3	8	. 3	.0							3.5	5
sw	i.i	1.Ŝ	1.2	5	1							4.4	6
wsw ,	ۇ	- 9		.3	. 2	0						2.7	
w	1.1	2.0	1.4	. 4	. 3							5.4	7
WNW	.5	1.7	1.2	laÎ	. 3	. 1						5.0	8
NW	1.0	2.i	2.2	. 9	4	-1						6.6	7
NNW	. 8	1.0	1.4	.6	.0					İ		3.8	7
VARBL													
CALM		>	>	><		$\supset <$			$\geq \leq$			24.4	
	19.8	28.0	18.9	6.7	1.7	.3						100.0	4

TOTAL NUMBER OF OBSERVATIONS 2938

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

25.03

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	HAXWELL AFB ALABAMA/MUNTGOMERY	37-41,43-72	FEB MONTH
		ATHER	0300 0500 Nours (L.S.T.)
	сом	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	2.3	1.2	.4		. 0						6.3	5.2
NNE	2.1	2.4	1.0	. 2								5.7	4.8
NE	3.2	3.8	1.0	-1								8.0	4.5
ENE	1.7	1.9	1.4	. 1								5.2	5.2
E	1.8	2.6	2.0	.6	• 0							7.0	6.1
ESE	. 4	1.0	1.0	. 3				1				2.7	6.6
SE	1.0	1.7	.7	.2					]			3.7	5.3
SSE	.6	.7	•6	. 4	0		•0					2.3	6.7
5	1.5	1.8	.9							j		4.4	5.1
ssw	.6	1.0	•8	.4	. 1							2.9	6.8
sw	1.2	1.5	1.1	. 1	.1	•0			]			4.0	5,9
WSW	.5	. 8	•7	• 1	.0	•0	•0					2.2	6.8
W	1.1	2.2	1.3	1.2	1	. •1	•0					5.0	7.7
WNW	. 8	, ģ	1.2	1.1	. 4	• 1						4.6	8.9
NW	1.0	1.8	2.3	1.3	.3	•0						6.6	8.0
WNW	.7	. 9	1.6	. 5								3.6	7.2
VARBL													
CALM	><	$\geq \leq$	$\times$	$\times$	$\times$	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq$	$\geq \leq$	$\geq \leq$	24.8	
	20.6	27.3	18.9	6.9	1.1	,3	-1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0-8-5 (QL A) previous editions of this form are obsolete

STEED STATE OF THE

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	WAXMELL AF	S ALAB	MAY MOI	AICOWER	<u> </u>	37.	41,43.	EARS		<del></del>	<del>-</del>	HONTH .
	-					ATHER.		 			-040	Q-Q800.
	_					DITION		 				
						DITION		 				
									_ <b>_</b> _			
_								 		,		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.6	1.6	1.7	. 3								5.2	5.8
NNE	1.6	2.5	1.3	. 3		l		<u> </u>	1			5.7	5.4
NE	3.7	4.1	2.0	2	0	Ĺ						10.1	4.8
ENE	خوأ	2.8	1.5	2								6.1	5.4
Ę	101	3.2	2.4	.6	1							7.4	6.5
ESE	. 5	1.4	1.1	3					[			3.3	6.2
SE	1.0	2.6	1.1	. 2	1							4.8	5.7
SSE	. 5	ğ	9									2.4	6.2
\$	1.3	1.1	.7	2				İ				3.4	5.3
ssw	ġ	.7	. 5	. 4	1					1		2.6	6.5
sw	1.3	1.5	6	. 4		.0						3.9	5.7
wsw	.4	ý	.8	. 5	.0	1	• 1					2.7	8.2
w	1.0	1.8	1.6	1.2	. 4	. 2						6.2	8.5
WNW	.4	1.0	1.1	1.4	6							4.5	10.0
NW	1.0	1.6	1.9	1.3	. 3	2	.0					6.3	8.8
NNW	.5	. 6	1.2	. 5	1	0						2.9	7.9
VARBL													
CALM	$\times$	$\times$	$\times$	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq$	$\geq$		><	22.5	
	18.2	28.2	20.4	8.2	1.6	. 5	1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2935

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH SURFACE WINDS ETÁC/USAF AIR WEATHER SERVICE/MAC ž PERCENTAGE FREQUENCY OF WIND €. DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 ALL WEATHER 0000-1100 Hours (La.T.) SPEED (KNTS) DIR. ≥56 1.0 1.9 6.9 3.0 .0 1.4 5.8 NE 6.5 1.4 6.0 6.0 ENE 1.8 9,6 £ 1.5 3,8 3,4 .7 ESE .5 1.5 1.8 4.0 .0 .3 ,6 2.3 .0 •5 •9 1.6 .6 4.8 s 9 1.6 .5 .6 3.6 SSW 1.3 .7 1.4 .9 2.2 1.9 5.4 1,3 • 0 SW 1.8 •7 WSW ,6 3.0 10.3 1.5 ٥, • 2 9 WNW 1.2 6.1 ,6 1.3 2, 2 1,6 6.7 10.3 NW NHA 4.3 VARBL 10.8

7.

2937

100.0

TOTAL NUMBER OF OBSERVATIONS

Participation of the second

CALM

1

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

metalogiestam descriptura

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MAXWELL AFB ALAHAMA/MONTGOMERY 37-41,43-72

				<del></del>	ALL WE	ATHER						1200	-1400 (L3.7.)
	_				сон	DITION				_			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N _	. 8	1.8	_1.8	. 5	1							5.1	6.9
NNE	.6	1.8	1.0	. 3								3.6	6.1
NE	1.1	2.1	1.6	. 2								5.0	5.7
ENE	1.0	1.2	1.6	1								3.8	6.0
E	1.1	2.5	3.1	. 5		.0						7.1	6.6
ESE	7	1.2	1.9	. 3	0	.0						4.2	7.0
SE	ذ و	1.6	1.9	.7	1							4.8	7.7
SSE	.3	ğ	9	. 7	2							3.1	8.9
<u> </u>	, 9	1.2	2.2	1.4	i							5.8	8.2
ssw	3	افد	1.6	1.5	5	.0				<u> </u>		5.0	10.0
SW	,9	1.9	2.2	2.2	. 5	1						7.8	9.4
WSW	. 5		2.1	1.2	2	1					<u> </u>	5,3	8.8
W	1.2	2.0	3.1	3.1	1.1	. 3	.0			ļ		10.8	10.2
WNW	.6	1.1	1.9	2.5	1.0	5				ļ		7.6	_11.5
NW	. 8	1.0	2.5	2.5	1.0	. 3	0		<u> </u>	ļ		8.1	10.9
NNW	. 3	1.7	1.9		1	0					ļ	4.0	8.6
VARBL	<b></b>							<u> </u>	Ļ	Ļ			
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	8,3	
	11.6	23.7	31.3	18.7	4.9	1.5	.1		<u> </u>	<u> </u>		100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0 8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 ALL WEATHER SPEED (KNTS) DIR. 1 - 3 11 - 16 17 - 21 41 - 47 ≥56 N 1.8 NNE 6.1 NE 1.8 .6 1 ENE , 5 1.2 <u>•3</u> •4 101 ,6 1.6 • 3 .0 SE 1.8 1.5 SSE 1.2 £ 5 1,3 2.2 1.5 •0 1.0 SSW ,6 1.3 2.2 1.4 2.0 •0 SW 1.2 •0 ,3 1,3 W5W W 2.3 10.5 12.0 WNW 1.5 1.7 2.3 1,3 7.0 NW 2.9 2.7 9.0 10.1 2.5 5.6 8.3 YARBL 10.1 100.0 TOTAL NUMBER OF OBSERVATIONS

USAFEFAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Manager Andrew Spiriture same

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS 2 PERCENTAGE FREQUENCY OF WIND î DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 1800=2000 hoves (L1.7.) SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 7 - 10 48 - 55 ≥56 11 - 16 22 - 27 28 - 33 € NNE € NE ENE 1.4 6.4 ε 2.3 ESE SSE لامة. 5 <u>1.6</u> 2.6 2.0 SSW 1.0 SW W\$W W WNW NW 1.0 NNW YARSL 18.8 TOTAL NUMBER OF OBSERVATIONS 2932 USAFETAC FORM 0 8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821	MAXWELL AFB ALABAMA/MONTGOMERY	37-41:43-72	FEB
HOLLYS	STATION NAME	TEARS	HTHOR
	ALL	WEATHER	. 2100 = 2300 ROURS (L.S. V.)
		CONDITION	<del></del>

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.7	2.4	1.5	.4								6.1	5.1
NNE	1.3	2.8	1.6	0					1			5.7	5.3
NE	2.1	2.6	.8		• 0							5.6	4.
ENE	.9	1.2	1.0						T -			3.3	6.1
E	,6	2.0	2.5	.4					·			5.5	6.9
ESE	.5	1.2	1.5	•1	. 2							3.6	6.9
SE	1.3	2.1	1.6	•2	• 0							5.2	5,8
SSE	. 9	1.3	1.4	.3	. 1							4.1	6.
S	1.7	3.0	2.7	.5	• 1							8.0	6.7
SSW	1.0	1.5	1.4	.5	. 1							4.4	6.
sw	1.5	Ġ.	1.1	.6	.1							4.1	6.0
WSW	.3	. 0	.6	• 2	•0	٥٥		1				1.8	7.0
w	1.4	2.0	1.4	.7	.1	• 1	.0					5.8	6.5
WNW	,5	1.2	2.1	1.3	.1	•1		T				5.4	8.6
NW	1.0	2.0	2.3	1.1	.2	. 2			1			6.8	8.1
WAN	1.0	1.0	1.3	.6	. 1					1		4.0	7.0
VAREL													
CALM	><	$\geq$		$\times$	$\times$	> <	$\geq$		$\supset <$			20.6	
41672	17.6	27.6	24.8	7.6	1.3	.4	•0	1				100.0	5 .

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL A) FREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AHR ALABAMA/MONTGOMERY	37-41-43-72 YEARS	MAR
		ATHER	0000-0200 Rouns (L.s.T.)
	сом	DITION	

SPEED (KNTS) DIR.	1 - 3	۱ ۱ مه	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.7	2.0	1.5	.2								5.3	5.
NNE	1.6	1.8	1.1	. 3								4.8	5
NE	2.2	2.2	1.2	_ 2				·				5.9	4
ENE	1.1	1.6	.7	.2	.0							3.6	5
Ę	1.2	2.2	1.5	. 3								5.2	5.
ESE	. 5	٥٠	.9	.2	. 0							2.2	6
SE	1.6	1.9	1.3	. 4	. 1							5.3	5
SSE	. 5	1.6	1.2	. 3								3.6	6
\$	2.1	2.5	2,2	. 4	.1							7.3	5
SSW	1.0	1.4	1.5	,4								4.4	6
SW	1,2	1.8	1.3	. 8	0.1	•0						5.2	6
wsw	,6	.7	.7	. 2	.0							2.1	6
*	,7	1.3	1.7	7	,3	•1				.0		4.7	8
WNW	. 7	1.1	1.5	8	, 4	• 0	.0					4,5	8
NW	1.0	1.9	2.7	. 9	, 4	•1						6.9	8
WNW	1.1	1.1	1.6	. 3	. 1	.0						4.1	6
VARSL													
CALM	$\geq <$	$\geq \leq$	$\geq$	$\geq$	$\geq$	$\geq$	$\geq$	$\geq$	$\boxtimes$	$\geq$		24,8	
	19.0	25.4	22.4	6.5	1.6	• 3	.0			.0		100.0	4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

DATA PRUCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 ALL WEATHER SPEED (KNTS) DIR. 1.3 7 - 10 11 - 16 17 - 21 5.9 ۰0 4.8 1.3 ENE 5.0 E ESE .8 SE 1.0 9 SSE ļ.0 SSW SW ,6 WSW 1.2 1.6 WNW 8.9 C 2.2 . 8 7.6 NNW 1.4 •0 26.8 TOTAL NUMBER OF OBSERVATIONS 3122

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

T

1.2

#### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

	2.4										-	
	<del></del>			ALL W	ATHER				<del></del>		_0600 avoid	-0800
				cox	DITION		<del></del>					
SPEED (KNTS) 1 - 3 DIR,	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
		1.0					ļ		<del> </del>			
N 1.1		1.8	6								5.0	6.
NNE 1.0		1.5	7								5.7	
NE 3.		2.0	. 4				<u> </u>		<u> </u>	ļ	9.2	5_
ENE 1	2.8	1.7	3	,0			İ	<u></u>	1		6.2	5.
E 10	3.0	2.9	. 3								7.8	6.
ESE .	1.0	1.1	. 5	• 0							3.0	7,
SE 1 .	1.8	1.5	. 5		•0		1				5.1	6.
SSE	1.0	1.0	. 3	.0					i		3.0	6.
S 1.4		1.2	.4				1			<del></del>	4.7	6,5,
ssw		, 8	. 2	• 1			i				2.9	5,
sw . C		1.5	, 5	,1			i				3.9	7.
wsw		. 8	.3	.0	•0		<del>                                     </del>				2.8	6.
w 1.4		1.6	1.0	.3	•1				<del> </del>	<del>                                     </del>	5.7	7.
WNW 8		1,9	1.3	.4	•1	<del></del>	<del>                                     </del>	i	†	<del>                                     </del>	5,5	9.
NW .		1.6	1.3	.4	•1		<del> </del>		<del> </del>	<del> </del>	5.3	9
NNW		1.1	.7	•1			<del> </del>	<del> </del>	<del> </del>	<del> </del>	3.0	8 .
VARBL		<del></del>					<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>	# <del></del>	
CALM		$\times$	> <	> <	> <	> <	> <	> <	>	>>	21.2	
17.9	26.3	23,9	9.0	1.5	.3		T				100.0	5.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWE	LL AFE	ALABA	MAA/M	ONICOWE	RY	37	41.43	<b>⊭72</b>	YEARS				AR
		_	<del></del>			ALL	WEATHER	<del></del>			<del></del>		-040t	1100 (UST.)
		٠	***************************************		•	<u> </u>	CONDITION	<del></del>						
											<del></del>			
ł	SPEED					1	1			1				MEAN

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 8	1.6	1.6	. 4								4.5	6.
NNE	.7	1.5	1.1	5	.0			•0.				3.9	7.
NE	1.4	2.4	2.2	. 3	.0							6.2	6.
ENE	1.0	2.2	1.6	. 3	• 0							5.1	6.
E	1,5	3.3	2.1	.7	• 0							7.7	6.
ESE	.8	2.0	1.9	.7	.0							5.4	6.
SE	1.2	2.0	2.1	1.0	.1							6.4	7.
SSE	.4	1.2	1.5	.6	1	•1				i		4.0	7.
5	9	1.7	2.0	1.3	. 1	. 1						6.0	8.
ssw	.6	.8	1.3	1.2	. 2	• 1						4.3	9.
sw	1.0	1.4	1.8	1.7	. 3	•0						6.2	8.
wsw	.6	1.0	1.6	1.1	. 3	0	I _					4.5	8.
W	• 7	1.3	2.7	1.8	. 9	. 3	0					7.7	10.
WNW	.3	1.2	1.6	1.8	. 9	1						6.0	10.
NW	ć	1.1		1.9	1.0	• 1						7.6	Ì0.
NNW	. 3	.7	1.5	1.2	.1					1		3.7	٠9.
VARBL										l			
ÇALM		$\times$	> <	$\times$	> <	> <	$\geq$	$\supset \subset$	> <		><	10.8	
	12.7	25.5	29.7	16.5	4.0	8	0	•0				100.0	7.

TOTAL NUMBER OF OBSERVATIONS 3125

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGOMERY	37-41,43-72	YEARS	MAR
		ATHER		1200=1400 HOURS (L.S.T.)
	сом	DITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
z	.7	1.4	1.4	. 3								3.7	6.3
NNE	.6	1.2	•7	.3		• 0						2.8	6.2
NE	, 9	1,5	1.1	, 3	• 0							3.8	6.0
ENE	.6	1.1	1.1	,3								3.0	6,4
E	.8	2,0	1.9	.3								5.0	6,5
ESE	.6	1.2	1.7	1.0	.0			ļ				4.5	8.0
SE	1.1	1.7	2.0	,6	.1	•0			<u> </u>			5.3	6,9
SSE	, 3		1.8	6	• 2				ļ	ļ	<del> </del>	3.6	8,6
5	.9	2,0	2.7	199	. 2		•0					7.9	8.6
SSW	. 4	1.4	2.8	1.6	. 3	•1		1				6.7	9,5
SW	1.0	2.1	2.4	2.1	.5	. 3			ļ	ļ	<del> </del>	8.4 5.8	9.3
wsw	1 0	1.3	3.1	1.8	.9	.3			ļ	<del> </del>	<u> </u>	+	10.2
WMW	1.0	1.6	2.3	3,3 2,5	1.0	• 4	•0			<del> </del>	<del> </del>	10.1 7.8	10.3
NW	.8	1.5	2.5	2.7	. 8	• 3		<b> </b> -	<del>                                     </del>		<del> </del> -	8.6	10.4
NNW	• 3	9	1.7	1.0	.2	•0				<b></b>		4.0	9.3
VARBL		•	***		7-	• •		<del> </del>		<del>                                     </del>		7.0	
CALM		>			> <	> <	> <	>	$\geq$	$\geq$		8.9	
	10.8	22.7	30.8	20.4	4,7	1.7	.1	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 3125

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C

C

DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED N 1.9 NNE 1.0 NE 1.0 ε 1.0 ESE 1.6 SE 1el SSE .8 SSW 1.0 SW wsw <u>. 8</u> WNW 1.0 2.0 NW NNW VARBL 9.5 CALM TOTAL NUMBER OF OBSERVATIONS 3121

MAXWELL AFB ALABAMA/MONTGOMERY

### SURFACE WINDS

1800-2000 HOURS (L S.T.)

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

37-41,43-72

					сон	DITION	<del></del>						
	_			· · · · · · · · · · · · · · · · · · ·		~			<del></del>				
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	2.1	1.7	.4	.0							5.9	5.8
NNE	.7	1.1	.5	.1	.0						i	2.4	5.2
NE	1,2	1.4	1.0	• 2							i	3,8	5,6
ENE	,9	1.2	•8	.2								3.0	5.7
Ę	1.2	2.0	1.2	.5	. 1							5.0	6.1
ESE	. 8	1.1	1.2	.3								3.5	6.4
SE	1.6	2.7	1.4	. 3	.1							6.0	5.6
SSE	1.1	1.6	1.4	.4	•0							4.4	6.3
S	2.0	2,5	3,5	1.1	. 2	•0						9.3	7.0
SSW	1.0	1.7	2.0	.9	. 3	•1						6.0	7.7
sw	1.5	1.3	.9	.4	. 2	•0						4.3	6.2
WSW	,6	1.1	.8	.3	- 1	•1						2.9	6.8
w	1.6	3,2	2.1	. 8	. 1							7.8	6.4
WNW	, 7	1.1	1.8	•7	ۋ و	• 2	.1					4.8	9.2
NW	1.0	2.0	3,1	1.6	9 4	• 2						8.2	8.6
NNW	.7	1.9	1.5	•7								4.8	7.1
VARBL													
CALM	$\geq$	><	><	><	$\geq$	><	><	><	$\triangleright <$	$\supset <$		17.9	
	18.2	27,8	25.1	8.6	1.8	, 5	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

3128

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

まるする といるなられる

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFT	STATION HAN	Умил <u>т</u> еине	3.7	37•	41,43.	ARS		 	MAR
	_	- ·····		ALL WE	ATHER	<u>-</u>	 · · ·		216	00=2300.
	_			сон	ROITION		 			
	-	- "	<u></u>			<del>- 171</del> ·	 <del></del>	<del></del>		
<del></del>							 		 	<del></del>

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.0	2.2	2.0	4	.0							5.6	6,3
NNE	1.0	1.9	1.2	1							Ĭ	4.2	5.
NE	1.5	1.8	1.0		.0					1		4.5	5.1
ENE	1.0	ÿ	.9	3								3.1	6.1
E	. 9		1.2	.6	.0							4.5	6.
ESE	.4	1.3	1.1	.5	. 1	- 1	•0				<u> </u>	3.4	7.7
SE	. 9	2.0	1.5	.4	. 1							4.9	6.3
SSE	1.1	2.4	1.5	.6	.0				i			5.6	6.3
S	Ž.Ž	3.4	2.7	1.1	. 1					i		9.5	6.3
SSW	1.1	1.5	2.9	. 8	.0							6.2	7.7
sw	1,3	1.6	1.3	5	.1				<u> </u>	1		4.9	6.4
wsw	.6	. 8		. 2								2.0	5
w	1.3	2.2	1.3	. 5	.4	0					<del>                                     </del>	5.6	6.8
WNW	.61	1.3	1.6	.8	.4	• 1						4.9	8.
NW	.6	1.3	2.5	1.7	•1	• 2						6.4	9.1
NNW	.6	1.0	1.3	.7	.0					<del></del>	<u> </u>	3.6	7.
VARBL												3,9	
CALM	$\times$	> <	> <	$\times$	>>	> <	$\times$	> <	> <	> <	> <	21.1	
	16.3	27.3	24.1	9.4	1.4	. 4	• 0					100.0	5.:

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (QL A) Previous editions of this form are desolete

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

	_				ALL WE	ATHER		<del> </del>		<del></del>		-ogog	-0200 (L3.7.)
		<del></del>			сон	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.6	1.0	8	.1				<del> </del>				3,5	4,7
NNE	1.4	9	6	i				i		- I		3.0	4.9
NE	3.1	2.2	.6	.1				i				6.0	4.1
ENE	1.6	. ŝ		.0								2.3	4.6
E	1.6	1.6	1.0	1								4.3	5.0
ESE	.9	1.0	.9	•1	.0			i				3.0	5.6
SE	1.9	2.3	1.5	.3	.0	•0						6.1	5.6
SSE	Ţ	1.4	.6	. 1				i				2.8	5.1
S	2.7	3.2	1.4	.2	•0	•0						7.6	5.0
SSW	1.3	2.4	.7	.2				i				4.6	5.2
sw	2.5	2.2	1.1	.3	.0			i — —		i		6.0	4.9
wsw	.9	1.0	. 4		.0	•0						2.5	5.3
*	1.5	1.6	1.3	.7	1							5.2	6.3
WNW	.6	.6	.7	•2	.0			<del>                                     </del>				2.1	6.4
NW	. 8	. 8	1.3	.7	•1							3.6	7.5
NNW	.9	.7	. 8	. 5				l				2.9	6.6
VARBL													
CALM												34.5	

TOTAL NUMBER OF OBSERVATIONS 3050

USAFETAC  $_{\rm p,RL}^{\rm FORM}$  0-8-5 (OL A) previous editions of this form are obsolete

2

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGOMERY	37-41-43-72	
		EATHER	0300-0500 HOURS (LIS 7.)
		MOITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1,3	1.1	, 0	.1								3.3	5.
NNE	1.2	1,6	. 5	1								3.4	4.
NE	4,7	2,8	1.0	1								8.6	4.
ENE	2,4	1.6	•6	,0								4.6	4.
ε	1.6	1.8	1.0	.1			i					4.4	
ESE	. 8	1.2	1.1	•0								3.1	5.
SE	1.6	2.0	1.2	.2	•1		i	i	<del>                                     </del>	1		5.1	5,
SSE	- 9	1.0	. 8	-1				<del> </del>				2.9	5.
S	2.6	1.9	•9	•1				<del>                                     </del>		<del> </del>		5.4	4.
ssw	1.1	1.6	• 8	,3	.0			<del> </del>		<del> </del>		3.9	5,
sw	1.7	1,3	•7	,3				<del> </del>				3.9	3,
wsw	.8	.7	.5	.3	.0		<del></del>	<del></del>		<del> </del>		2.2	5,
w	1.2	2.1	1.2		•1			<del> </del>	<del> </del>	<del> </del>			
WNW	.5		• 7				<u> </u>	<del> </del>	<del></del>			5.2	6.
	9			.3			ļ					2.2	6.
NW		8	1.0	•7						-		3.5	7.
NNW	.6	8.	5	•2			ļ	ļ		ļ		2.1	5.
VARBL								<u> </u>	Ļ,			<u> </u>	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><	36,1	
	23.7	23.0	13.3	3.3	.4	• 1						100.0	3.

TOTAL NUMBER OF OBSERVATIONS 3049

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) C MAXWELL AFB ALABAHA/MONTGOMERY 37-41,43-72 ALL WEATHER SPEED (KNTS) DIR. 7 - 10 41 - 47 1.0 N£ <u>3,0</u> ENE 1.9 1.8 وَمَا ESE SE SSE 1.0 1.5 5 SSW <u>.</u>7 € wsw ç 9.0 WNW • 6 NW NNW VARBL 25.9 TOTAL NUMBER OF OBSERVATIONS

and the state of the same

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGOMERY	37-41.43-72		APR
STATION	STATION MAME	YEA	18	MALNON
		WEATHER		0900-1100
		CLASS		HOURS (L.S T.)
	<del></del>	CONDITION	<del></del>	
			·	

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	8	1.8	1.7	.4	.0							4.7	6.4
NNE	, 8	1.4	1.1	. 2	. 1	•0						3.5	6.4
NE	1,2	1,4	1.2	. 2	.0							4.1	5.7
ENE	.9	1.3	1.3	.2	0,							3.7	6.1
E	1,5	3,0	2,5	.6	.1							7.7	6.4
ESE	1.0	1.6	1.9	.7	•0							5.2	7,0
SE	1.3	2,7	2.5	. 8	,2		•0					7.5	7.0
SSE	,4	1.6	2.1	.6	• 1					I		4.9	7.
5	1.1	2.8	2.9	1.1	.2		.0			i		8.2	7.5
ssw	,9	1.9	1.7	1.0	. 3	•0						5.7	7.7
sw	1,3	1.9	2.5	1.2	.3	•1	.0					7.4	7.8
wsw	,5	1.6	1.8	.9	.4	• 2						5.4	9.1
w	1.2	2.2	2,2	2.0	.4	•0						8.0	8 .
WNW	, 3	8	1.1	1.1	.2	•0			·			3.6	9.
NW	.7	1.4	1.7	1.7	.5					·	1	5.9	9.1
NNW	.5	. 8	1.2	.6	.1	•0			l			3.3	8.2
VARBL													
CALM	><	$\times$	X	$\times$	$\times$	> <		> <	$\supset \subset$	$\supset$	> <	11,3	
	14.4	28.1	29.4	13.2	3.0	.5	.1					100.0	6.

TOTAL NUMBER OF OBSERVATIONS 2127

2

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 MAXWELL AFR ALABAMA/MONTGOMERY 37-41,43-72
STATION STATION RANE

ALL WEATHER
COMPUTION

COMPUTION

SPEED (KNTS) DIR,	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7	1.1	1.1	.3		0						3.2	6.5
NNE	.61	101	. 8	-4						L		2.9	6.5
NE	. 5	1.1	1.1	2	.1							3.2	6.3
ENE	ا خو	. 7	. 9							<u> </u>		2.2	6.0
£	. 8	1.7	2.0	.4	•0							4.9	6.6
ESE	6	1.2	2.0	. 5	• 1	•0						4.5	7.5
SE	1.0	2.6	2,4	.9	•0					1		6.8	7.0
SSE	. 5	1.9	2.1	1.1	• 1	•0						5.7	8.0
S	1.2	2.8	3.5	1.5	• 2	1		T				9.4	7.8
SSW	ė,	2.7	2.5	1.4	. 3	• 1				T		7.7	8.0
SW	1.2	2.5	3.8		.6	• 1		Ì	1			10.3	8.7
WSW	.9	2.1	3.0	1.1	. 6	• 1		<u> </u>	i			7.7	8.5
w	.6	1.8	3.0	2.3	1.1	. 5		1				9.2	10.7
WNW	.6	. Ģ	1.2	1.5	.5	1		<u> </u>				4.8	10.2
NW	.5	1.2	2.0	1.7	.4	-1						5.9	9.3
NNW	.5	1.4	1.0	.9	.1	•0		<u> </u>	<u> </u>		i ———	4.0	8.0
VARBL	1		7.7					t	<del>                                     </del>	<del>                                     </del>		7.0	
CALM	><	$\ge$	$\times$	$\times$	>>	>>	$\geq$	$\geq$	$\boxtimes$	$\geq$		7,5	
	11.9	26.7	32.4	16.0	4.1	1.3						100.0	

TOTAL NUMBER OF OSSERVATIONS

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MAXWELL AFB ALAGAMA/MONTGOMERY 37-41.43-72

	_				ALL WE	ATHER				<del></del>		_1500	170
					CON	DITION	<del> , ,</del>						
SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAI WINI SPEE
N	.7	1.6	1.3	4					<del></del>			4 0	
NNE	- 5	- 1.0	- 1 - 3	4	•0	•0				<del>                                     </del>		2.2	6
NE	,5	7	1.0						<del> </del>	<del>                                     </del>		2.6	5
ENE	- 5	- 7	.5	•1	.1			· · · · · · · · · · · · · · · · · · ·		1		1.9	6
Ε	18	1.9	1.2	.3						<del>  </del>		4.1	5
ESE	•7	1.4	1.8	•7	•1	•0			<del> </del>	1		4.8	7
SE	1.1	2.6	2.4	,7	•0				<del> </del>	$\vdash$		6.8	7
SSE	8	1.9	1.9	•7	. 3				<del>                                     </del>	T		5.6	7
s	1.4	3.0	3.1	1.5	.1	•0						9.1	7
ssw	1.1	2.9	2.3	1.2	.3	•1						7.9	7
sw	1.6	3.1	3,6	1.9	.4					1		14.5	7
wsw	. 8	2.1	2,2	1.3	-4	• 1				1		7.0	8
W	.0	2.1	3,2	2.3	. 5	, 5	•0					9.6	9
WNW	.5	1.0	1.2	1.7	.6	•1				i — i		5.1	10
NW	,7	1.2	$-i, \bar{i}$	1.6	,6	• 1			1			6.0	9
NNW	, 5	1.1	1,3	.7	.1							3,6	8
VARBL 1	<del></del>						i						

TOTAL NUMBER OF OBSERVATIONS

USACETAC  $_{AR.64}^{\text{FORM}}$  0.8-5 (OL.A) previous editions of this form are obsolete

TATION WELLSON

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 MAXWELL AFB ALABAMA/MONTGOMERY 1800-2000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	8	-2								4.1	5,0
NNE	. 6	. 8	. 3	1	•							1.9	4.5
NE	1,6	1.2	.6	.0	.0							3.5	4.4
ENE	ું છે	1.0	.3	.1								2.1	4.0
	2.1	1.7	1.0	. 3		•0						5.2	5.1
ESE	1.0	1.6	1.2	•2								3.9	5.7
SE	2.2	2.8	i.3	.3		-1						6.6	5.4
SSE	1.1	2.2	1.1	. 3	.1	.0						4.8	6.0
5	2.5	4.8	3.1	. 5	. 1	• 0	•0					11.0	6.0
ssw	1,4	3.0	1.9	.6	.1	•0					l	6.9	6.3
sw	1.9	2.4	1.4	. 3	0							6.0	5.
WSW	, 9	_ 1.1	9	. 3	• 0	•0						3.1	6.0
w	2.0	2.1	2.1	.6	•1	- 1	l _					7.1	6.
WNW	,6	1.4	1.0	.6	.2	•2		• 0				4.0	8.2
NW	1.2	1.5	1.4	. 8	1							5.0	7.1
NNW	. 8	1.1	. 9	. 3	. 1							3.2	6.2
VARBL													
CALM	$\geq \leq$	><	><	><	><							21.7	
	22.1	30.3	19.2	5.4	3	. 5	• 0	.0				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

					COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	1.7	.5	. 3					<u> </u>	<del> </del>		4.2	4.9
NNE	, 7	1.2	.7	• 1								2.6	5.4
NE	1.5	1.3	.6	1								3.5	4.6
ENE	.9	.9	• 2	.3						i ———		2.3	5,3
E	1.1	1.4	1.2	. 3								3.9	5.8
ESE	,6	1.5	1.2	. 3	•0		•0			i		3.8	6.7
SE	1.0	2,5	1.9	.2	•1	•1						6.3	5.9
SSE	1.5	2.5	1,5	. 3	.1	•0						5.8	5,9
5	3,2	5,2	3,2	.6	,1				I			12.3	5,6
ssw	1,2	3,1	1.9	, 4	.0					1		7.0	5,9
sw	1.2	2,8	1.2	. 4		•0						5.7	5,8
wsw	. 5	. 5	. 4	,1								1.6	5,5
W	1,4	1,8	.9	.4	• 1							4.6	5,9
WNW	.5	1.1	• ô	, 2	, 2		•0					2.9	7.4
NW	1,4	1,3	1,3	. 8	,2	•0	.0					5.0	7,3
NNW	.6	1.0	.8	• 3	•0							2.8	6,6
VARBL													
CALM	$\geq \leq$	><	$\times$	><	><	><	><		$\supset <$	$\supset <$		25,8	
	19.9	29,6	18,5	5.1	,7	• 2	,					100.0	4,4

USAFETAC FORM AR 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7

£.

The second second

TOTAL NUMBER OF OBSERVATIONS

ti para de la compania del compania del compania de la compania del compania del compania de la compania del

1.04.00

The state of the s

2

Come and appropriately

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	MAXWELL AFB ALABAMA/MONTGOMERY  STATION PANE	37=41,43=71	YEARS	MAY WINDH
	ALL	WEATHER	<del></del>	0000=0200 HOURS (L.S.T.)
		CONDITION		
		<del></del>	<u>.</u>	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.5	6	. 1								3.8	4.4
NNE	1,8	1.4	. 4									3.7	4.0
NE	2,8	2,2	•7	• 0								5,7	4.0
ENE	1,0	1,5	. 4									3.0	4.7
Ε	1,6	1.6	.8	• 1								4.1	4.7
ESE	,4	1.0	. 5	_ •1								2.0	5.5
SE	1.8	2,0	• 5	• 1								4.4	4,5
SSE	1.2	1.1	. 3				• 0					2.6	4,4
s	3,2	2,2	1.0	,2	• 0							6,6	4,6
ssw	1.6	2.0	. 4	1				i				4.1	4.3
sw_	2,9	2,9	•7	• 1								6.6	4.2
wsw	1.5	1.1	. 3							•0	,	2.9	4.7
w	1.3	1.4	. 3	• 0								3.0	4.2
WNW	. 4	. 5	. 2	• 0								1.2	4.6
NW	1.4	. 4	. 5	.0	.0					L		2.4	4.6
NNW	.5	.6	. 5									1.6	5.2
VARBL													
CALM	$\geq \leq$	$\times$	$\mathbb{X}$	$\times$	$\times$	> <	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq <$		42,5	
	25.1	23.5	8.0	8	. 1		.0			.0		100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 3157

CALL CONTRACT THE CALLESTING

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	1.6	.6	1								3.6	4.5
NNE	1.9	1.8	. 5	0								4.2	4.3
NE	3.9	3.1	1.0									8.0	4.1
ENE	1.8	1.8	. 6									4.2	4.4
E	1,9	2.0	. 8	•1								4.8	4.7
ESE	8	1.3	• 5	• 0								2.6	4.8
SE	2.0	1.7	.8	• 1								4.5	4.5
SSE	1.3	1.2	.3	•1								2.8	4.3
S	2.5	1.6	.3	.1	•0							4.5	3.9
ssw	1.2	1.3	.3									2.8	4.3
sw	2.2	1.7	.5									4.3	4.0
wsw	1.1	.7	.3	•0								2.1	4.4
w	1.3	1.4	.5	.1					1			3.3	4.6
WNW	.6	.7	.2	.1	.0							1.6	4.6
NW	8	4	• 2	•1								1.6	4.7
NNW	.6	έ	• 3	•0								1.2	4.7
VARBL													
CALM		$\geq$	$\geq$	$\geq$	$\geq \leq$	$\geq$	$\geq$	><	$\geq \leq$	$\boxtimes$	$\geq$	43.8	
	25.2	22.5	7.6	8.	.1							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821	MAXWELL AFE ALABAMA/MONTGOMERY	37-41-43-72	HTMON THOM						
	<u></u>	ALL "EATHER							
		CONDITION							

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	1.5	• 9	.1								3.7	4.9
NNE	2.0	2.0	1.2	. 4								5.6	5.2
NE	3,8	3,7	1.9	1	.0							9.5	4.7
ENE	1.7	2.1	1.4	. 2								5.3	5.2
E	2,0	2.5	2.0	.1								6.6	5.4
ESE	,6	1.2	1.1	.1							T	3.0	6.0
SE	1.3	2.1	1.0	. 2	.0	• 0						4.7	5.7
SSE	.9	1.3	•9	• 2								3.2	5.4
S	1.7	1.7	.6	1								4.1	4.4
ssw	1.1	1,2	• 6	•0	.0						i	3.0	5.0
SW	2.1	2.1	1.8	. 3	• 0					Ĭ		6.3	5.6
wsw	1,2	1.4	• 9	•1	1							3.7	5.4
w	2.1	2.2	1.7	. 5	1			I		T		6.5	5.8
WNW		.6	. 8	. 2	. 1							2.3	6.2
NW	.61	1.0	.4	. 3								2.3	5.9
WNN	. 5	. 5	.4	. 1	_ • 0							1.5	5.5
VARBL										1			
CALM	><	$\geq$	><	><	$\geq$	$\geq <$	$\geq$	$\geq$				28,7	
	23.4	27.2	17.5	2.9	.3	• 0						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_3240

USAFETAC  $_{
m JR.~64}^{
m FORM}$  0-8-5 (OL A) previous editions of this form are obsolete

DATA PROCESSING BRANCH

ETAC/USAF
AIR WEATHER SERVICE/MAC

DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

13821

MAXWELL AFB ALABAMA/MONTGOMERY

STATION MAKE

ALL WEATHER

COMDITION

CONDITION

CONDITION

SURFACE WINDS

SURFACE WINDS

AIR WEATHER

DATA PROCESSING BRANCH

SURFACE WINDS

AIR WEATHER

AND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

TEARS

AND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

CONDITION

CONDITION

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.6	1.5	.4								5.0	6.0
NNE	1.1	2.0	1.0	.3	.0			ļ				4.5	5.7
NE	1.5	2.9	1.6	• 2								6.2	5,5
ENE	. 8	1.5	Ĩ.4	.1								3.8	5.8
E	1.3	2.6	2.5	. 4				i				6.8	6.1
ESE	.4	1.5	1.4	.3						T		3.6	6.9
SE	. Ŷ	2.4	1.7	. 5								5.5	6.3
SSE	.6	2.0	1.7					i				4.6	6.5
S	B	2.5	2.0	.3	•0		ļ — — —	i — —				5.7	6.4
SSW	8	1.2	1.2	. 5								3.7	6.5
sw	1.8	1.8	3.1	1.0	.2							7.9	7.1
wsw	1.2	1.9	2.2	. 9	.0							6.2	7.0
w	1.6	3.2	3.1	1.0	. 2							9.1	7.0
WNW	8	1.4	1.3	.6	.2							4.5	7.5
NW	1.0	1.2	1.4	.6		• 1						4.2	7.0
NNW	• 7	8	1.0	. 2								2.8	6.1
VARBL													
CALM	$\times$	$\geq \leq$	$\geq <$	><	$\geq \leq$	$\geq <$	$\geq$					16.0	
	16.7	30.7	28.2	7.7	.7	1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 3234

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

€:

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	<u>MAXW</u>	LLL AFR	ALABA STATION	MAZMUN	TGOMER	Υ	37.	41,43		TEARS		<del></del>		AY
		_			<del></del>	ALL WE	ATHER				·		1200	1400 (L. 7.)
						сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.2	2.5	1.7	.3	.1							5.8	6,1
	NNE	.9	1.4	1.1	.4								3.7	6.0
	14E	1.1	2.0	1.2	.1								4.5	5.4
	ENE	.6	1.5	1.5	. 2								3.7	6.3
	E	1.0	2.0	2.3	. 3								5.5	6.3
	ESE	, 5	1.2	1.9	.4								4.0	7.1
	SE	9	2.0	1.8	. 4		•0						5.2	6.6
	SSE	. 4	1.3	2.0	.5								4.2	7.3
	S	9	2,6	2.8	. 7	• 1							7.1	6.9
	SSW	.8	2.2	1.9	.6	-1			<u> </u>				5.6	7.0 7.7 7.9
	sw	1.4	2,8	3,5	1.7		0		<u></u>	! 	<u>                                     </u>		9.6	<u> </u>
	WSW	1.1	2,3	3.0	1.2	, 3	.0			<u> </u>			7.9	7,9
		, 9	3.2	3,9	1.7	. 5	• 2		<u> </u>	ļ	ļ		10.4	8.5
	WNW	- 4	1.5	1.7	. 9	, 5	.0				<u> </u>		5.0	8.9
	NW	, 9	1.5	1.9	• 7		1	ļ			<u> </u>		5.1	7,5
	NNW	, 5	1.1	1.1	5		0		<u> </u>	ļ	<u> </u>			7,2
	VARBL						Ĺ,		ļ		<u></u>			
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	9.5	
	L	13,4	31.0	33.3	10.5	1.9	.5		<u> </u>	L	<u></u>		100.0	6,5
										TOTAL NU	MBER OF OBS	ERVATIONS		2226

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

.

CANDENS AND ADDRESS ---

### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXW	ELL AFB	ALABA	MAY MON	<b>TGOMER</b>	Y	37=	41,43	72	EARS				AY
		_				ALL WE	ATHER				<del></del> -		1500	1700
		_				сон	PITION							
1		,		<del></del> -	<del></del>	<u> </u>					<del> </del>			
	SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.6	2.6	2.5	. 4	1	- •0		•0				7.3	6.3
	NNE	. Š	1.5	1.1	1	0							3.5	5.6
	NE	1.3	1.6	1.0									4.0	5.2
	ENE	.4	1.3	1.5	0	. 0							3.2	6.3
	E	. 7	2.0	2.0	-1								4.8	6.2
	ESE	ۋ.	1.4	1.1	.2								3.1	6.5
	SE	ĝ	2.5	2.1	2	1							5.8	6.4
	SSE	. 7	1.5	1.4	. 4	. 0							4.1	6.7
	S	101	2.0	2.5	4		.0						6.1	6.5
	ssw_	6.	1.7	2.3	6	1							5.2	7.5

sw	1.0	3.0	3.9	11.	<u> </u>			<u> </u>		<u> </u>	 10.4	7.1
wsw	1.0	3.1	2.7	. 9	. 0	.0					7.7	7.0
w	1.3	2.9	4.7	1.5	. 3	.1	.0				10.7	7.8
MHM		1.4	1.7	1.0	4	0					5.2	8.6
NW	.9	1.3	2.2	1.0	,2	.0	. 0				5.5	8.2
NNW	.6	l.i	1.3	. 4	- 1						3.4	7.2
VARBL												
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	$\times$	$\times$	$\mathbb{X}$	$\geq \leq$	$\geq$	$\geq$	9.9	
	14.4	31.4	33.9	8.5	1.5	. 3	.1	•0			100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

€.

Ç

#### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGOMERY STATION MANE	37-41,43-72	YEARS	MAY
		VEATHER.		1800-2000 HOURS (L.S.T.)
		KOITICHO	<del></del>	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	1.8	. 9	•0		•0						4.1	5.
NNE	1.3	8	5	0						1		2.6	4.4
NE	1.8	1.4	.7	.2								4.0	4.0
ENE	1,5	1,Ž	.4	•1					1			3,2	4,6
Ę	2,1	2,2	1.2	.1	.1				<u> </u>	<del>                                     </del>		5.6	5,0
ESE	.9	1.8	.6	•1						<del>                                     </del>	<del>                                     </del>	3.3	5.0
SE	1.9	2,3	1.6	•1								5.9	5.2
SSE	1.0	1.6	•7					i		i		3,2	4.0
S	2,1	2,3	1.3	.2	.0	•0						6.0	5,
SSW	1.8	1.8	.9	•2						<del></del>		4.6	5,0
SW	2.2	2.4	1.1	.1								5.8	4.1
wsw	1.4	1.7	.8	• 1					<b></b>	<del>                                     </del>		4.0	4.
w	2.2	2.6	1.8	.3	•0				!	1	·	6.9	5,
WNW	1.0	1.1	•7	3	.0	•0			<b></b>			3.2	6.3
NW	1.3	1.7	1.1	.5	.1					<b> </b>	i	4.6	6.
NNW	1.3	1.5	.7	•1						<del> </del>	<del> </del>	3.6	5.
VARBL						-	<u> </u>			<del> </del>	<del> </del>	1 -200	
CALM	> <	$\times$	> <	$\times$	$\times$	> <	> <	> <	$\supset <$	$\supset$	$\supset \subset$	29,3	
	25.0	28.1	14,9	2.3	,2	1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 3240

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MXXMI	LL AFB	ALABA	MA/MON	NTGOME	LY	37•	41,43.	.72	YEARS				4 A Y
		_				ALL W	ATHER				<del></del>		2100	2300
		_		<del></del>		CON	TION							
Г				I			I							
	SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND

SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	1.7	• 7	.1								3.8	4.7
NNE	1.2	1.1	. 5	.0								2.8	4.4
NE	2.4	2.0	. 8	•1								5.2	4.4
ENE	1.1	1.3	.3	. 1								2.9	4.5
E	1.1	1.5	1.0	.1								3.7	5.2
ESE	.6	1.4	.7	• 2								2.9	5.8
SE	2.1	2.4	1.1	• 2	.0							5.7	4.9
SSE	8.	1.4	• 7	•1	•.0							3.0	5.3
\$	2.6	3.Ô	1.5	-1	.1				_			7.4	.0
SSW	1,7	1.6	.9	•1								4.3	5.0
sw	2.1	2.5	1.3	. 3								6.1	5.1
WSW	.7	1.0	.5									2.1	4.9
W	1.9	1.2	.5	• 2				•0				3.9	4.9
WWW	.7	.7	• 3	•1								1.9	5.0
NW	.9	. 8	.5	• 1	.1					-		2.5	5.5
NNW	.7	-7	.7	.1			•0					2.2	5.8
VARBL													
CALM		> <	$\supset <$	>>	> <	> <	$\geq$	> <	> <	$\geq$		39,4	
	22.2	24.3	12.1	٠.7	. 3		_0	.0				100-0	3.0

TOTAL NUMBER OF OBSERVATIONS

DATA PRUCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEATHER SERVICE/HAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY 37-41-43-71 ALL WEATHER 0000=0200 SPEED (KNTS) DIR. 34 - 40 ≥56 N 3,8 1.4 ΝĒ 4.1 ENE 1.6 1.8 .0 2.0

Participate character section common

44,1 100.0 TOTAL NUMBER OF OBSERVATIONS 3053

4.4

4.0

USAFETAC  $\frac{\text{form}}{\text{xM, 64}}$  0.8.5 (OL A) previous editions of this form are obsolete

2.0

1.6

1.2

3.6 2.4 3.5 1.3

1.4

ESE

SSE

s

ssw

SW WSW

w

WNW NW

иим

VARBL

1.2

• 6

• 6

•5

•0

0

### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGOMERY	37=41,43=72	JUN
		EATHER	0300-0500 HOVES (LS T.)
		EDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	.7	.1	.0								2.4	3,6
NNE	2.0	1.0	. 3									3.3	3.6
NE	3,6	2,6	,6			[						6.8	3.9
ENE	1.8	1.9	. 8									4.5	4.4
E	2.1	1.9	1.0	<b>,</b> 0								5.1	4.5
ESE	.6	. 8	.4							!		1.8	4.9
SE	1,9	1.1	. 4									3.4	3.8
SSE	.6	Ĝ			. 1		I					1.3	5.0
\$	2.8	1.7	. 5	1								5.1	3.9
SSW	1,5	1.1	.4	• 0		T		ļ				3.0	4.0
sw	3.4	2.3	•4	.0								6.2	3.5
WSW	, 9	1.3	• 2									2.4	4.0
W	1.6	1.0	. 3									3.0	3.9
WNW	.4	.5	• 1									1.0	4.2
NW	. 9	. 4	• 1									1.4	3.2
NNW	.4	. Ž	1			I						.7	3.6
VARBL													
CALM	$\geq \leq$	$\geq <$	><	$\geq <$	$\geq$	$\geq <$			$\boxtimes$			48.7	
	26.1	19.3	5.7	.2	1							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 3079

DATA PROCESSING BRANCH SURFACE WINDS 2 ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND ₹ DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY 37-41-43-72 ALL WEATHER 0600=0800 House (FEE) SPEED (KNTS) DIR. MEAN WIND SPEED N 1.6 NNE 2.0 • 0 NE 3.6 .9 ENE 2.7 1.3 E I.B 1.8 ESE ٠,5 لعل SE 1.0 SSE 5 SSW 1.0 •4 2.6 1.3 5.7 WSW 1,2 3.Ô w 2.7 2.3 .4 WNW <u>, ģ</u> 5.2 NW .9 2.8 NNW VARBL 31.6 CALM

100.0

TOTAL NUMBER OF OBSERVATIONS

3.4

3125

DATA PROCESSING BRANCH SURFACE WINDS ETÁC/USAF 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 ALL WEATHER SPEED (KNTS) DIR. ≥56 7 - 10 NNE NE 2.0 1.5 ENE 1.4 1.8 1.6 ESE SE .6 \$ 1.3 C ssw 1.1 l B SW 2.3 9 C WSW 1.1 2.2 8 WNW 1.c 6. 5 O NW <u>ه و</u> 1.9 6. NNW .8 VARBL 18.7 C TOTAL NUMBER OF OBSERVATIONS USAFETAC FORM DE 64 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AEB ALABAMA/MONTGOMERY ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED ≥56 48 - 55 NNE NE ENE تعإ ESE SE SSE SSW SW WSW w WNW NNW VARBL 10.9 TOTAL NUMBER OF OBSERVATIONS

Ţ,

1.

£

€.

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 MAXWELL AFB ALABAMA/MONTGOMERY. 37-41,43-72

STATION MARK

ALL WEATHER

COMPUTION

COMPUTION

COMPUTION

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	2.8	1.2	3	.0							5.6	5.
NNE	1.5	2.6	1.2	. 3	.0							5.6	5
NE	1.2	2.4	1.5	. 3		•0						5.4	5
ENE	Š	2.1	1.5	• 6	•1							5,2	6
Ε	1.4	2.4	1.7	.3	.1	•0	•0					6.0	6
FSE	.6	1.3	1.1	. 2					<del> </del>			3.2	6
SE	9	2.0	1.6	.5	• 1					<del></del>	i	5.1	6
SSE	.5	1.1	1.2	2	.0	0			1			3.1	6
S	1.2	1.9	2,4	.4		1				1		6.0	6
ssw	.7	1.8	1.5	.4		•1			T			4.5	6
sw	1.5	2.8	3.7	1.3	•0		i		i	<u> </u>		9.3	7
WSW	.6	2.6	3.0	. 9	.1				1			7.2	7
*	1.3	3.7	4,3	1.4	•1	•1						10.8	7
WNW	.5	1.1	1.5	. 8	.2					<del>                                     </del>		4.1	8
NW	.5	1.2	1.7	.9	.1			-	1			4.4	8
NNW	.9	1.3	.9	.3		•.0			1			3.4	6
VARBL									1		i		
CALM	><	$\times$	$\times$	$\times$	$\times$	> <	>	> <	$\supset$	> <	> <	11.3	
	15.5	33.0	30.0	9.0	. 8	.4	•0					100.0	6

TOTAL NUMBER OF OBSERVATIONS 3123

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC € 2 SURFACE WINDS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 ALL WEATHER 1800-2000 ... 1 - 3 17 - 21 ≥56 N NNE ENE 1.3 ESE SSE s SSW sw 2.3 WNW NW NNW VARBL 27,7 TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 WEATHER SPEED MEAN WIND SPEED N NNE NE ENE •0 .0 SE SSE SSW SW WSW w WNW NW NNW VARBL 38,6 TOTAL NUMBER OF OBSERVATIONS 3076

DATA PROCESSING BRANCH ETAC/USAF AJR WEATHER SERVICE/MAC  $\mathbf{G}$ SURFACE WINDS 2 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) C MAXWELL AFB ALABAMA/MONTGOMERY 37-41-43-71 ALL WEATHER 0000+0200 HOURS (L S.T.) C SPEED (KNTS) DIR. 1 - 3 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 41 - 47 ≥56 NE 2.1 •6 •Q 1.0 ESF 1.0 SE s •6 3.3 SSW SW ( WSW WNW .0 O NW .6 VARBL C 46.6 0 TOTAL NUMBER OF OBSERVATIONS 3151 USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### SURFACE WINDS

100.0

3168

TOTAL NUMBER OF OBSERVATIONS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	WXAM	ELL AFB	ALABA	MA/MUN	TGOMER	LY	37	41,43	.72	EARS				UI.
		_			<del>-</del>	ALL WE	ATHER				<del></del>		_ <del>0300</del>	0500.
						CON	DITION			<u>.</u>				
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
[	N	.9	.5	.2									1.7	3.7
1	NNE	1.6	8	. 3									2.7	3.8
1	NE	2.6	2.8	1.1	.0.								6.5	4.4
	ENE	1,4	1.7	4	.0								3.6	4.4
[	E	1.4	2.3	9									4.6	4.7
	ESE	.6	6	. 4									1.6	4.6
	SE	2.3	1.7	7									4.7	4.2
<u>l</u>	SSE	1.2	4	1									1.7	3.3
i	5	2.9	1.3	5	1								4.8	3.8
Į.	SSW	2.5	9	2									3.6	3.2
Ĺ	SW	3.7	2.6	5	.0								_ 3.8	3.8
1	WSW	1.6	1.5	- 2									3.3	3.9
Ĺ	W	1.6	1.2	3	1								3.2	3.9 4.2
1	WNW	- 4	. 4	1									9	4.1
1	NW	.5	ا ق	1										3.8
1	NNW	اغو	1										3	3.5
[	VARBL													
	CALM	$\geq \leq$	> <	$\geq \leq$	$\times$	$>\!\!<$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	><	48,9	

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MAXWELL AFB ALABAMA/MONTGOMERY 37-41.43-72

W WNW NY/	2.9 1.3 1.3	4,6 1,0 8	2.1 .5	.0								9.7 2.9 2.4	5, 4, 3,
s'y Wsw	2,4	3.0 2.6	1.3	•2 •1								6.9 5.8	5,
S	1.6	1.5	•6	.1								3.7	4
SE SSE	1.4	1.7	1.0	<u>.1</u>								4.2	5
ESE ESE	1,8	2.6	1.4	•2			<u> </u>					5.9	<u>5</u>
NE ENE	2,3	3.0 2.2	8 1.0	.2								6.4	<u>4</u> 5
N NNE	1.0	1.3	.3	1								2,2	4
PEED (NTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA WIN SPEE

TOTAL NUMBER OF OBSERVATIONS

3195

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

	_	<del></del> -		<del></del>	ALL WE	ATHER		<del></del>				-0200 0000	<del>-110</del>
	_				сом	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	1.3	.6	.1								3.3	4.
NNE	1.1	1.1	- 6	1								2.9	4.
NE	1.8	2.3	1.0	. 1	. 0							5.3	5.
ENE	1.2	1.7	Î.9	.2								5.0	6.
E	1.9	2.3	2.3	5								7.0	6.
ESE		1.2	1.0	.2								2.8	6.
SE	1.0	1.8	1.2	2								4.3	5.
SSE	. 5	1.2	. 8	. 3								2.8	6.
S	1.4	1.3	. 8	1	.0							3.7	4.
ssw	1.2	ا قدا	. 8	_ 2					I			3.7	5.
sw	2.1	3.1	1.3	.3	.0							6.8	5.
WSW	1.7	3,3	1.7	_43	•0							7.0	5.
w	3.4	5.9	4.1	.6								14.0	5.
WNW	1,5	2.4	1.4	1	.0							5.4	5.
NW	1.0	1.6	.9	-1								3.6	5.
NNW	. 8	. 8	.4									2.1	4.
VARBL													

TOTAL NUMBER OF OBSERVATIONS 3200

MAXKELL AFB ALABAMA/MONTGOHERY 37-41,43-72

### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

3203

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

Ċ

€

0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

	_												
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.4	. 9	•1	•0					T		5.0	5.
NNE	,9	1.7	. 8	.2								3.5	5.
NE	1.2	2.6	1.2	,3	.0							5.4	5,
ENE	5	1.9	1.4	, 5								4.3	6.
E	1.0	2,2	2.4	.3								6.0	6.
ESE	, 5	1.2	1.4	, 2								3,3	6,1
SE	,7	1.9	2.0					<u> </u>				4.7	6,4
SSE	,3	1,4	1.2	, 4				<u> </u>	<u> </u>	<u> </u>		3.4	7.
S	,9	1.7	1.5	.4	• 1	•0			<b>!</b>	<u> </u>		4.7	6.1
ssw	,8	1,8	٩	. 4	• 1	•0						5.0	6.1
SW	1.8	3,9		,7				<u> </u>		<u> </u>		9,6	6,
WSW	1,5	3,5			.1			<u> </u>		<u> </u>	<u> </u>	8.5	6.
W	2.1	4,6	4,3	1.4		•0	<u></u>	<u> </u>	L	<u> </u>		12.7	6.
WNW	1.1	2,0	1.6		.0			<u> </u>		ļ		5.1	<u></u>
NW	1,2	2.0	1.4	. 4	•0			<u> </u>		ļ		5.1	6. 5.
NNW	.8	.8	•5	•2	.0			ļ		<del> </del>	ļ	2,3	5,
VARBL								Ļ,		<u> </u>			
CALM	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\sim$	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	11.2	
	16.9	36.0	28.5	6.6	,7	•2						100.0	5.0

<b>D</b> 2 6	DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/HAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (570N: HOURLY OBSERVATIONS)											SUR	FACE	WINDS		
€	13821 HAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72														UL ONTR	
£	ALL WEATHER												1500-1700 House (L.S.T.)			
ε	COMPITION															
C		SPEED									<del></del>			<del></del>	MEAN	
C		(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND SPEED	
	i	N	1.0	2.1	1.2	.3								4.6	5.8	
_		NNE	. 7	1.7	1.0	1					<u> </u>			3.4	5.4	
€		NE	1,3	2.6	1.6	.2	1		0		<u> </u>	<u> </u>		5.8	5.9	
		ENE	,8	1.8	1.3	, 5	.0							4.4	6.4	
~		E	1.1	2.2	2.2	-4	.0				<u> </u>			6.0	6.3	
C		ESE	.2	1.6	1.3	.4					ļ		<del></del>	3.5	6.8	
		SE SSE	.8	2.3	1.9	- 94								5.5	6.6	
C.		33E \$	•6	1.3	1.4	5	-0					<del>  </del>	<del></del>	3.8	7.1	
€.			,	2.2	2.4		0	•0			<del> </del>			6.0	6.8	
		SSW SW	1.5	2.1	1.8 3.1	.7					<del> </del>			5.5	6.5	
C.		WSW	1.4	3.6	3.1	.4	1		.0		<del> </del>	<del> </del> -		8.5	6.2	
C		- W	1.3	4.9	3.8	. 8	.1	•1				l		11.0		
		WNW	1.0	1.7	1.2	.3		•0						4.2	6,6	
£		NY	1.0	1.5	1.1	.2		•••			i — —			3.9	6.0	
•		NNW	.7	. 8	.6	.2		•0			<del>                                     </del>	l		2.3	6.1	
		VARSL	7-1-								<del>                                     </del>			-242		
4		CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	$\geq$	$\geq$	$\geq <$	$\geq \leq$	11.2		
£			15.6	37.1	28.9	6.2	.7	بغ	1					00.0	_5,6	
•											TOTAL NUA	ABER OF OBS	ERVATIONS		3210	

C

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TATION	WXAM	ELL AFB	ALABAMA/MONTGOHERY 37-41,43-72											JUL BONTH	
			ALL WEATHER										1800=2000 HOURS (LS.T.)		
						•							W-1	(65.1.)	
			CORDITION												
		-	<del></del>												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
	N	1,4	1.2	.3	0	.0		.0					2,9	4.4	
	NNE	1.1	1.1	•1									2.4	4.2	
	NE	1,6	2.1	8	.1								4.5	4.8	
L	ENE	.9	1.1	•6	.3								2.9	5.7	
	E	1.4	2.1	1.1	.3								4.9	5.4	
	ESE	, 9	1.8	. 8	•0	1							3.6	5.4	
	SE	1.9	3.1	1.2		.0			•0				6.3	5.3	
	SSE	,8	1.7	1.1		• 0		•0					3.7	5.6	
L	S	1,9	3.6	1.9	.2	.2							7.8	5.6	
	ssw	1.7	2.5	1.3	.2	.0							5.7	5.2	
L	SW	3,3	4.7	2.1	.2	.0							10.3	5.0	
L	WSW	2.1	3.1	1.2	.0								6.4	4.6	
L	<u>w</u>	2.4	304	1.2	2								6.9	4.8	
L	WNW	. 8	1		1	1							2.1	5.4	
L	NW	. 9	8	3	1	.0							2.1	4.9	
L	NNW	.5	6	2	. 0		•0	.0					1.4	5.7	
L	VARBL														
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq$	$\times$	$\times$	$\geq$	$\ge$	$\geq \leq$	$\geq \leq$	><	26.0		
L		23.7	33.2	14.4	2.0	. 5	•0		.0				100.0	3.8	
	TOTAL NUMBER OF OBSERVATIONS												2100		

DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) HAXWELL ATB ALABAHA/MONTGOHERY 37-41,43-72 ALL WEATHER SPEED (KNTS) DIR. 1 - 3 ≥56 N NNE NE ESE SE SSE • Q. 5 SSW 5W Ö •0. WHW NW NNW VARBL 39,2 TOTAL NUMBER OF OBSERVATIONS USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Name of Assessment of State Contact of

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37=41.43=70

STATION STATION NAME

ALL WEATHER

CONDITION

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.9	1.5	. 3	. 1								3.7	3.
NNE	2.4	1.1	. 2									3.7	
NE	3.7	2.4	. 7	1	.0		.0					6.9	4
ENE	1.2	1.4	. 9	.0		•0						3.5	_5
E .	2.0	2.0	. 8	. 0								4.9	_4
ESE		7	.3	0		•						1.6	
SE	1.3	1.4	. 3	1								3.1	-1
SSE	1.1	1.2	.2	0								2.6	4
5	2.6	2.0	.1	0								4.7	3
ssw	2.ì	1.0	.4									3.4	3
sw	2,9	2.3	.4									5.6	3
WSW	. 8	ڼ	• 2									1.9	4
w	1.3	8	.3									2.3	3
WNW	.6	. 3	.2									1.1	4
NW	. 8	. 3	•1									1.2	2
NNW	. 3	. 3	•1	1								.7	5
YARBL													
CALM	><	$\overline{}$		> <	><	> <		$\supset <$	$\supset <$	$\supset <$	> <	49,0	
	25.6	19.5	5.3	. 5	.0	• 1	.0		1			100.0	2

TOTAL NUMBER OF OBSERVATIONS 3068

DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-70,72 N NNE NE 3.0 .8 ENE ESE SE SSE 5 SSW SW •0 WNW NW NNW

50.2

3098

TOTAL !UMBER OF OBSERVATIONS

USAFETAC  $_{\rm NL~64}^{\rm FORM}$  0 8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

VARBL

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS 2 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-70,72 ALL WEATHER 0600-0800 ≥56 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 34 - 40 48 - 55 C N HNE NE 0 9.0 ENE 2,3 1.2 2.0 •4 E 1.6 ESE SE •2 5 SSW 5W wsw 1,3 • 3 w 2.0 lel WNW 0. NW NNW VARBL 37.4 TOTAL NUMBER OF OBSERVATIONS 3158

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-70,72	AUG
	ALL WEATHER CLASS	1900 - 1100 HOURS (L.S.T.)
	COMPITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.2	2.2	.8				·	<b> </b>				5.2	4.4
NNE	1.8	1.9	•6	.1								4.4	4.5
NE	2,4	2,8	1.1	. 5								6.8	5,3
ENE	1.6	2,8	1.8	.7								6.9	6,2
E	2,2	3,7	2,7	, 8	• 1							9.4	6.1
ESE	, 5	1.0	1.0	, 2	• 0							2.7	6,3
SE	1.2	1.6	, 9	• 2								3.8	5.2
SSE	.61	.6	.6	.2	.1							2.1	6.
5	1,2	1,3	, 5	. 2						<u></u>		3.2	5 (
ssw	1,1	1.0	, 5	,1								2.7	4.0
sw	2,1	2.0	,7	,2								5.0	4.0
WSW	1,4	2,4	1.4	.2								5.4	5,!
w	2,6	3.7	2.8	.3				<u> </u>				9.3	5.
WNW	1.1	1.2	1.5	.2			L				<u> </u>	4.0	5.1
NW	1,3	1.8	1.0	.3			ļ					4.4	5.
NNW	.8	1.0	`,3	•0			<u> </u>					2.2	5.0
VARBL							<u> </u>	<u> </u>		L	L		
CALM	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	22.6	
	24.7	30.9	18.2	3.9	. 2					T		100.0	4.

TOTAL NUMBER OF OBSERVATIONS 3157

USAFETAC  $\frac{\text{form}}{\text{JUL 64}}$  0 8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF Ž SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND Ū DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MUNTGOMERY 37-41,43-70,72 ALL WEATHER 1200-1400 HOURE (L.E.T.) SPEED (KNTS) DIR. MEAN WIND SPEED 7 - 10 1.8 6.7 1.6 1.0 NE 2.0 1.7 7.0 ENE 1.5 1.7 5.8 E 1.4 3.5 2.9 ESE 1.3 0 1.3 SSE \$ 1.6 •9 SSW 1.2 1.2 • 9 SW 1.7 wsw .6 2.4 1.2 w 3.4 <u>3.2</u> WNW 1.6 .0 .4 6.6 NW 1.3 1.6 .6 6.4 5.8 VARBL CALM 13.1 TOTAL NUMBER OF OBSERVATIONS 3158

0 DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND C DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) U 37-41,43-70,72 MAXWELL AFB ALABAMA/MONTGOMERY 0 ALL WEATHER 1500-1700 HOURS (L.S.T.) **(**: C, MEAN WIND SPEED NNE 1.8 5E SSE . 8 5 1.1 . 8 1.6 3.0 SSW 1.6 SW WsW .0 6.7 WNW 6.8 6.0 12.2 100.0 TOTAL NUMBER OF OBSERVATIONS 3153

- Carried Market State Control

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 37-41,43-70,72 MAXWELL AFB ALABAMA/MONTGOMERY SPEED (KNTS) DIR. 11 - 16 ≥56 N NNE NE ENE SE SSE S SSW SW WSW NW VARBL 31.7 CALM 100.0 TOTAL NUMBER OF OBSERVATIONS USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

€

O

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIP!D DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGOMERY	37-41,43-70,72	AUG
	ALL I	EATHER CLUSS	2130=2300
	,	ROITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.2	.3			.0						2.8	4.
NNE	1.9	. 5	. 2	.1	-1							2.8	4.
NE	2,5	2.1	.6	.1								5.2	4.
ENE	1.1	1.0	,5	. 1		• 0						3.4	4
E	1.4	2,5	1.1	.1	-1							5.1	_ 5,
ESE	1.2	. 9	_,6	_ •1								2.8	4.
SE	2.1	2.6	. 8	.2	• 1							5,7	3,
SSE	, 9	1.5	. 4	•0	0							2.9	4,
5	3,3	2.8	•6	. 0			•0			I		6.8	4,
SSW	1,9	1.2	,3	0								3.4	3,
sw	2.0	2.3	•4									4.7	4,
wsw	1.1	1.0	.2	•0								2.4	-4
w	1.8	1.5	• 3	.0								3.6	4
WNW	, 4	, 3	• 2	.0								1.0	4
NW	. 5	. 5	. 2	1								1.7	4,
NNW	.7	,3	. 2									1.2	3,
VARBL													
CALM	><	$\times$	> <	><	><	><	$\supset <$	><	$\triangleright <$	$\supset \subset$	$\geq <$	44.4	
	24.4	22.8	7.1	.9	.3	.1	•0		,			100.0	2 /

TOTAL NUMBER OF OBSERVATIONS 3097

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MAXWELL AFB ALABAMA/MONTGOHERY 37-71

	_					ASS DITION						_000
	~		<del> </del>			<del></del>		<del></del>	<del> </del>	<del></del>		
SPEED (KNTS)	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
DIR,	1 1	- 1	- 1		1	1			i	1 1		N.
DIR,	2.1	1.4	- 9	1	0		.0					4.
	2.1	1.4	1.2	1	.0		.0					4.
N							.0					

N	2.1	1.4	. 9	1	.0		.0					4.5	4.8
NNE	3,1	2.1	1.2	.1	.0							6.6	4.4
NE	5,4	5,2	1.6	.4								12.6	4.6
ENE	2.1	3,1	1.9	• 1	,0							7.3	5,3
E	1.7	3,9	2.8	,7								9.0	6,2
ESE	. ម	1,4	, 5		.0							2.9	5,5
SE	1.3	1.5	. 3	0								3.2	4,4
SSE	,7	, 5	. 3									1.5	4,5
S	1.5	1.2	.2									2.81	3.7
ssw	,6	- 5	- 1									1.3	3,9
SW	1,7	1.0	• 1			<u> </u>						2.8	3,3
WSW	,6	, 4										1.0	3,3
W	1,3	, 9	•0									2.2	3,3
WNW	.4	. 2	- 1			<u></u>			<u> </u>			.7	3,5
NW	1.0	. 4	. 3	•0								1.6	4.1
WMM	. 5	, 4	• 3	•								1.2	4,8
VARBL													
CALM	$\geq \leq$	$\times$	$\times$	$\times$	><	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq$	$\geq \leq$	38.8	
	24.7	24.1	10.6	1.6	-1		•0					100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 3143

DATA PROCESSING BRANCH SURFACE WINDS ETÁC/USAF AIR WEATHER SERVIÇE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY 37-72 ALL WEATHER NNE ENE Ε ESE .0 SE •0 SSE 5 1.0 . B SW wsw w WNW 1.8 VARBL 38.8 CALM 100.0 TOTAL NUMBER OF OBSERVATIONS USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

₹ 2

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821	MAXWELL AFB ALABAMA/MONTGOMERY	37-72		
STATION	STATION NAME		TEARS	MONTH
		ATHER		0600-0800
		ASS		HOURS (L.S T.)
	CON	DITION	<del></del>	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.1	1.0	.4								4.1	5.4
NNE	2,5	2,3	1.3	.2								6.3	4.9
NE	5,7	5,7	3,7	. 6	•0				<u> </u>			15.9	5,2
ENE	3.7	4.6	3,4	1.1	,0							12.8	5,8
E	2.1	4,4	3,7	,9	•0							11.2	6,3
ESE	1.0	1.0	1.1	. 1	, 1						I	3,2	5,9
SE	1,3	1,3	• 9	1								3,6	5,1
SSE	,4	_,6	. 3	. 1								1.3	5,2
\$	,7	8,	.3	.0								1.9	4,5
ssw	,6	. 4	.1									1.1	3.9
sw	, B	_, 8	• 2	_ •1								1.9	4.7
WSW	,6	. 5										1.3	3.9
w	1,3	. 8	.2	1								2.3	4.0
WNW	,6	,6	• 3									1.5	4,4
NW	1.0	, 6	•6	-1								2.2	5.3
NNW	•2	.4	. 2	.2		•0						1.0	6.8
VARBL													
CALM	$\times$	$\geq$	$\geq$	$\geq$	$\geq \leq$	$\geq \leq$	$\geq$	$\geq$	$\geq$	$\geq$		25.5	
	24.1	25,9	17.3	4.1	. 2	•0						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 3236

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND **DIRECTION AND SPEED** (FROM HOURLY OBSERVATIONS) HAXWELL AFB ALABAMA/MONTGOMERY 37-72 WEATHER 0900#1100 SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 N NE 2.6 .8 ENE 2,3 1.6 6.1 ESE 2.1 \$E SSE 5 SSW SW WSW .5 1.5 w WNW NW

6.9

3226

15.8

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NNW

DATA PRUCESSING BRANCH ETAC/USAF C SURFACE WINDS ž AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND t. DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY 37-72 € ALL WEATHER C SPEED (KNTS) DIR. MEAN WIND SPEED 1.5 NNE 1.6 1.8 C NE 3,6 .8 .9 3,8 ENE 4.2  $1,\overline{5}$ .0 .8 5,6 **(**-2.0 2 SE 2.1 •2 •3 SSE € 5 •5 ssw SW ,2 1.1 C WSW .2 1.0 113 w WNW ,6 .5 .6 1.0 2.5 C , 8 6.5 24 VARBL CALM 10.5 100.0 5,9 C TOTAL NUMBER OF OBSERVATIONS 3233 € USAFETAC FORM O 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

The second second second

<b>€</b> 2	DATA PRO ETAC/USA AIR WEAT	\F			P	DIF	AGE FREG RECTION HOURLY	AND SE	EED			SUR	FACE	NIN	IDS
€.	13821 STATION	HAXW	ELL AFB	ALABA	MA/MON	TGOMER	RY	37•	72		TEARS			<u>\$</u>	# P
C	SIAINA			STATION		<del></del>	ALL WE			,		<del></del>			=1700 (1.3.7.)
e						,—,-,-,-	сон	DITION							
O		<del></del>													
C		SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
1		N	2.2	2,5	1.6	.2	.0							6.7	3.4
_		NNE	2.0	201		2	1	1						5.8	_5.6
<b>(</b> 1		NE	2.6	401	3.2	7					<u> </u>	ļ	III-	10.7	6.0
		ENE	104	4.1	3.7		.0				ļ	<u> </u>	<del> </del>	10.2	6.6
<b>(</b> ,		ESE	2.3	5.2 1.9	4.2	7		- •0				<del> </del>	<del>   -</del>	12.6	6.2
•		SE	- 97	2.3	1.6	- 2		0		<del></del>	<del> </del>	<del> </del>	<del> </del>	4.9	6.2
		SSE	. 9	. 8		•1	•0			<del> </del>	<del> </del>	<del> </del>	<del>  </del> -	2.6	5.7 5.6
t.		5	. 8	1.2	1.1	.2				<del></del>	<del></del>	<del> </del>		3.3	6.0
•		ssw	. 4	1.1	. 8	. 1	.0				<del></del>			2.4	6.1
		sw	1.3	1.7	1.2	.2						<del>                                     </del>		4.4	5.6
(		WSW	. 5	1.5	. 5	Ō		.0						2.6	5.6
_		w	1.5	2.3	1.1	.3		.0						5.1	5.3
		WNW	,6	ŷ	1.1	-1	.0							2.7	6.4
C		NW	109	1.5	1.6	6								5.1	6.2
		NNW	فعلم	1.4			.0	0			<u> </u>	<u> </u>		3.8	6.0
		VARSL	<u> </u>							<u></u>		<del></del>	<b></b>		
€		CALM	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	12.1	
			21.1	34.0	26.6	5.0	. 4	• 2						100.0	5.2
4:	•			7.0.7	LYIV					<del></del>	<del></del>	ــــــــــــــــــــــــــــــــــــــ	<del> </del>	INCAL	
<b>**</b>											TOTAL NU	MBER OF OB	SERVATIONS		3231
													-		
1.															
_															
1						•									
			USAFET	AC FORM C	0-8-5 (OL A)	PREVIOUS EDIT	IONS OF THIS	FORM ARE OBS	OFFEE						
•				~ 04											
					<del>, , , , , ,</del>	77.76	State of	,							1

5 6 3

23 3.5

と はなるとは はない まる

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGOMERY	37=72 SEP	_
	ALL WEAT	HER 1800=2001 HOURS (LEST.)	٥.
	COMBITION		

SPEED (KNTS) DIR.	1 • 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.1	1.9	1.2	. 3	٥	•0						5.7	5.3
NNE	2.0	1.3	.7	.1	.0		.0					4.1	4.6
NE	4.0	3,3	1.5	. 4	•0	• 0						9.2	4.8
ENE	2.7	4.0	1.9	. 5								9.1	5.4
E	2.8	3,5	2,4	.3	•0				1		i	9.1	5.4
ESE	1.2	1.5	. 6	.1	•0	•0						3.5	5.2
\$E	1.7	2.2	•7	.1							i	4.7	4.7
SSE	. 8	, 8	,4	• 1								2.0	4.6
S	1.4	1.6	,3	.1					<del></del>			3.5	4,5
ssw	.6	.6	• 4									1.7	4.8
sw	1.2	1.4	.4	•0				···········				3.1	4.4
WSW	,7	.6	.2									1.6	4.3
w	1.4	1.3	,5									3.2	4.3
WNW	,8	. 13	•2									1.8	4,3
NW	1,6	1.4	.6	.1								3.7	4.6
NNW	66	.7	.6	,2		• 0						2.2	5,8
VARSL									1				
CALM	$\geq \leq$	$\times$	$\times$	$\times$	$\times$	$\times$	$\times$	> <	$\supset$	$\supset <$	> <	31,9	
	25,9	27.0	12.8	2,2	,2	•1	0					100.0	3,4

TOTAL NUMBER OF OBSERVATIONS

€ 2 DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND €. DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) € MAXWELL AFB ALABAMA/MONTGOMERY 37-72 2100+2300 SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 17 - 21 7 - 10 11 - 16 22 - 27 41 - 47 48 - 55 ≥56 NNE 0 4,8 NE ENE 2.2 1.8 8.6 E 2.7 .6 ESE 1.2 •6 SSE S SSW SW WSW WNW NW VARBL 37.8 TOTAL NUMBER OF OBSERVATIONS

ACTION OF THE PROPERTY OF THE PARTY.

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) HAXWELL AFB ALABAMA/MONTGOMERY 37-71 ALL WEATHER SPEED (KNTS) DIR. × -8 ENE £S€ SE . 8 SSE s SSW wsw W WNW NW NNW VARBL 40.3 CALM

TOTAL NUMBER OF OBSERVATIONS

The state of the s

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS ž PERCENTAGE FREQUENCY OF WIND C DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 0 MAXWELL AFB ALABAMA/MONTGOMERY 37-72 nct ALL WEATHER 0300-0500 SPEED (KNTS) DIR, MEAN WIND SPEED 1 - 3 11 - 16 17 - 21 4 - 6 7 - 10 22 - 27 28 - 33 41 - 47 48 - 55 ≥56 • 2,0 NNE 3,7 , 9 6,0 NE 6.2 2.4 ENE 2.8 1.7 .3 .0 1.8 E 6.7 .2 ESE 2.0 SSE 5 SSW SW 1.3 WSW 2.8 W •6 1.0 WNW •3 .0 •0 NW 3.1 5,3 NNW 5.6 2.3 VARBL 38,5 CALM TOTAL NUMBER OF OBSERVATIONS 3270

The second second second second

W.

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC **SURFACE WINDS** PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY 37-72 ALL WEATHER SPEED (KNTS) DIR. 41 - 47 NNE NE ENE 4.0 2.9 •6 E SE SSE 5 SSW SW W\$W WNW 1.0 NW C, NNW VARBL 31.8 CALM

TOTAL NUMBER OF OBSERVATIONS

Ů DATA PROCESSING BRANCH SURFACE WINDS 2 ETÂC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND 0 DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) C MAXWELL AFB ALABAMA/HONTGOMERY 37-72 €. 0900-1100\_ SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 7 - 10 11 - 16 17 - 21 22 - 27 41 - 47 48 - 55 ≥56 6.5 1.1 5.6 1.9 2.8 3.0 1.6 3,1 .6 10.0 ENE 3.0 6.6 E 3.0 5,7 .0 6.4 ESE 1,8 1,3 SE 1.3 1.4 SSE ,9 . 5 .3 6.6 6.8 • •6 SSW <u>. 3</u> .0 SW 1.7 W5W •0 .3 WNW 3.2 7.7 , B 7.6 NW WNN 7.6 .6 3.8 1.4 VARBL 18,7 26,7 100.0 TOTAL NUMBER OF OBSERVATIONS 3335 USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Manage of the second se

2 DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND C DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY ALL WEATHER 1200=1400. SPEED (KNTS) DIR. 11 - 16 22 - 27 28 - 33 41 - 47 48 - 55 ≥56 NNE 6.0 NE 3.1 8.7 6.2 ENE 3.0 3.8 SE SSE 5 1.0 SSW SW

.0

The state of the s

TOTAL NUMBER OF OBSERVATIONS 3339

7.0

12.7 100.0 6.9

USAFETAC FORM O 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2.3

1.9

2.1

W5W W

WNW

NNW

1.2

DATA PROCESSING BRANCH ETAC/USAF € SURFACE WINDS 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) €. MAXWELL AFB ALABAMA/MONTGOHERY €. ALL WEATHER 1500-1700 HOURS (L.S.T.) € € 2.6 NNE 1.8 1.2 5.2 2.6 2.5 2.8 5.6 5.9 NE 2.7 2,9 0. ESE 1.6 1.3 SE 1.6 SSE ,6 C 5 .6 ,6 SSW 1.0 1.2 SW .8 WSW 1.9 2,3 1.6 1.3 4,4 6,9 , 8 .0 C 1.1 NNW 6.9 VAREL

> 18,2 100.0

> > 3336

TOTAL NUMBER OF OBSERVATIONS

Commence of the Commence of th

DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAP AIR WEATHER SERVICE/HAC 2 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-72 ALL WEATHER 1800-2000 SPEED (KNTS) DIR. MEAN WIND SPEED NNE 4. NE 3.1 1.3 ENE 2.0 6.0 1.1 قما •4 ESE . 8 SE SSE •0 .4 S SSW SW 2.0 •2 •7 WSW 1.0 Q. 1.6 3.5 WNW 1.5 2.9 .4 5.5 NW ٥٠ 6.1 NNW 4.8 6.2 VARBL 36.7 CALM 100.0

TOTAL NUMBER OF OBSERVATIONS

3332

Control of the second s

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 MAXWELL AFB ALABAMA/MUNTGOMERY 37=77

STATION NAME

ALL WEATHER

COMMITTON

COMMITTON

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.1	2.0	1.2	.2								5.4	4.
NNE	2,3	2.0	.7	1								5.1	4.
NE	4,3	3,8	1,6	,2	0					L		9,9	4.
ENE	2.0	2,4	1.5	, 3	.0							6.3	5,
Ę	1.6	2,8	2.2	. 3					<u> </u>			6.9	6.
ESE	•7	. 8	.9	• 1	0							2,5	5,
SE	1.2	1.5	.7	1								3,5	5,
SSE	.5	,5	• 2									1.3	4,
S	1,3	.9	, 3	. 2								2.6	4.
ssw	,8	.6							l			1.5	3,
sw	1,6	, 5	. 2									2.3	3.
wsw	, 9	, 2	4						l		<u>.</u>	1.5	4.
w	, 9	1.1	.4	.0								2.5	
WNW	1.0	. 8	. 8	0	-0	<u> </u>						2.6	5,
NW	1.0	1.1	1.0	.2	1					<u> </u>	Ĺ	3.3	5.
NNW	1.0	ÿ	,9	.2	- 1	+0						3.1	6.
<b>VARBL</b>													
CALM	$\times$	$\times$	$\times$	><	><		$\geq \leq$	$\geq <$	$\geq \leq$	$\geq <$		39.7	
	23,1	22.0	13.1	1.8	.2	• 0						100.0	3,

TOTAL NUMBER OF OBSERVATIONS 3277

<u>Հ</u> DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND 0 DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) O HAXWELL AFB ALABAMA/MONTGOMERY ALL WEATHER 1 - 3 11 - 16 17 - 21 ≥56 41 - 47 2.0 NNE 2.0 1,3 NE 1.0 ENE 1.6 . 8 . 1 2,0 1.3 1,0 •6 ESE 1.0 SSE 1.0 5 1.0 ,3 SSW <u>.5</u> SW WSW 2.0 w 1.0 WNW 1,4 1.4 NW 1.6 1.8 7.3 1. .0 7.0 VARBL C 36.5 TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND O DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY 37-71 ипу ALL VEATHER SPEED (KNTS) DIR. 1 - 3 1.3 NNE • 0 6.8 ENE •9 •Q £ ESE ( .6 SE C SSW sw C wsw .4 w WNW .1 6 € NW 7.0 VARBL 33,8 11 TOTAL NUMBER OF OBSERVATIONS 3145

The second of the second of the second of the second

€ 2 ₹	DATA PR Etac/US Aír Wea	AF			I	DI	AGE FRE RECTION HOURLY	AND S	PEED			SU	RFACE	WII	NDS
C	13821	MAXV	VELL AFI	B ALAB	AKA/MDI				•72	-7					ναV
C	STATION		_	STATE	M HAME		ALL WI	EATHER			YEA 08				)=0800 (L.S.T.)
€			-			<u>,</u>	COM	BITION	<del>-</del>			_			
6												<del></del>			
€.		SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
		N	1.4	1.8	1.5	.2						<del>                                     </del>		4.9	5.6
<i>5</i> .		NNE	2.1	2.4	1.9	3	.0							6.7	5.4
O		NE ENE	4.8	5.0		1								11.8	4,4
		E	2,2	3.0 2.8	1.3	.2			!			<u> </u>	<u>   </u>	6.7	5.0
(		ESE	.7	1.2	2.0	.2						ļ	<u>   </u>	7.1	5,5
•		SE	.7	1.3	.8	• <u>1</u>	•0					<del> </del>	<del>  </del>	2.8	5.8
		SSE	3	- 4	•7	. 1	.0					<del> </del>	<del> </del>	2.9	5,7
C		S	.6	.6	. 8	. 1	.0					<del> </del>	<del>   </del>	1.5	7.1
•		SSW	.5	.4		. 2	- "					<del> </del>	<del> </del>	2.1	5,9
		SW	, 8	.,7	•7	.0	•G	•0				<del> </del>	<del> </del>	2.3	5.5 5.7
(		wsw	,3	1.0	.4	.1	.0					<b></b>		2.0	5.6
			1.6	2.0	1.3	.2							!!-	5.2	5.4
_		WNW	101	1.0	1.3	.6	.2	1				<u> </u>		4.3	7.7
€		NW	1,3	1.8	1.9	1.0	.3					<u> </u>		6.3	7.6
		NNW	3.	.9	.9	. 5	. 1	• 0						3.2	7.3
c		JARAV		ر											
Ç:		CALM		><	><	><	><	> <	><	$\overline{}$	$\overline{}$			28.9	
			21 5	24 3	10.0					$\longrightarrow$					
Œ			21.5	26,3	18,3	4.1	,9	1	l				l1	00.0	4.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM ARE OBSCIETE AND ARE OBSCIETE

The state of the s

0 2 0	DATA PRO ETAC/USA AIR WEAT	۴			P	DIF	RECTION	QUENCY AND SP OBSERV	PEED			SUR	FACE	WIN	NDS
(i	13821 STATION	WXA!L .	ELL AFB	ALABA	MAZMON	ITGOMER	<u> </u>	37-	72					N	מע
C	STATION			STATIO			ALL WE	ATHER			YEARS			_	* 1100 (L.S.T.)
€			_				CON	DITION							
•			_								1	<del>-</del>			
€		SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
•		И	1.3	2.1	1.7	. 8	.1	- 0						6.0	6.8
		NNE	1.1	2.1	2.5	.4	.0							6.0	6.6
€		NE	2.1	2.5	1.7	2					<u> </u>	<u> </u>	<b> </b>	6.6	5.3
		EtiE	1.4	2.4	1.6	4					<u> </u>		<b> </b>   -	5.8	5.8
		E	2.2	3.5	3.4	4	.0				<del> </del>	<u> </u>	-	9.5	6.0
•		ESE	1.2	1.4	1.7	.3				<u> </u>	<del> </del>			4.5	6.1
		SE SSE	1.3	1.5	2.0	2	.0				ļ		<b> </b>	5.1	6.1
_		5	.5		- 1-1	3		-0		<del> </del> -	<b></b>		<del>  </del> -	3.2	7.2
C-			9	1.0	1.3	. 5		•0		<del></del> -	<del> </del>		<del> </del>   -	3,7	7.0
		SSW SW	•6		.9	.6	.2	•0			<del> </del>		<del>  </del> -	2.2	8.2
€		WSW	.9	•6	.8	•6	.1	•0			<del> </del>		<del>  </del> -	2.9	7.2
<b>L</b> .		w	1.3	1.7	2.2	1.1	.1				<del> </del>	<del>                                     </del>	1	6.4	7.6
		WNW	8	1.1	1.8	1.1	.5	_0				<del> </del>		5.3	9.0
1		NW	17	1.0	2.4	1.7	.7	.2				<del>                                     </del>		6.6	10.2
•		NNW	.5	1.1	1.6	1.1	.3	•0						4.5	9.0
		VARBL			7.1.5							<b> </b>			
€:		CALM	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq$	$\geq \leq$	><	18.7	
•			17.1	24.3	27.2	10.0	2,2	. 5						100.0	5,8
Œ											TOTAL NU	MBER OF OBS	SERVATIONS		3226

USAFETAC FORM  $_{AU,\ 64}$  0-8-5 (OL A) previous editions of this form are obsolete

Patricia de la constitución de l

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGOMERY	37=72.	V I N
		ATHER	1200=1400 HOVES (L.S.T.)
	СОИ	117/08	

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	2.0	2.2	. 5	. 2							6.0	7.1
NNE	. 8	1.5	1.3		.0							4.3	6.7
NE	1.2	2.1	1.2	. 3					<u> </u>			5.0	5,8
ENE	9	2,0	1.3	•1								4.2	5.8
E	1.7	2.3	2.8	,3								7.1	6.0
ESE	, 8	1.4	1.0	1					<u> </u>	<u> </u>		3.3	5,9
SE	101	2,4	3.1	.5					<u> </u>	1		6.1	6,4
SSE	, 8	1,5	1.1	,6	.0	1	0		<u> </u>	<u> </u>		4.1	7.2
S	,9	1.5	1.7	5					ļ			4.7	7.2
:SW	,3	9	.9	. 3	2			<u> </u>	<u> </u>	<u> </u>		2.5	7,7
:>W	.6	1.9	1.6	.9	,2							4.8	7.8
WSW	,6	1.3	1.4	. 5					ļ	ļ		3.9	7,3
w	1.7	2,4	3.1	1.7	5			ļ	<del> </del>	ļ	<b>!</b>	9.5	8.0
WNW	,7	1,5	2,6	1.7	, 5	•2			ļ	ļ	<del> </del>	7.2	9,6
NW	.8	1.9	3.2	2.3	.7	•2	•0		ļ	ļ	ļ	9.1	9,6
NNW	•7	1.1	1.7	1.2	, 2					<u> </u>		5,1	8,9
VARBL									<b>_</b>	<del></del>			
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$		13.1	
	14.6	27,4	29,3	12.2	2.7	•6	.1					100.0	6,5

TOTAL NUMBER OF OBSERVATIONS 3230

HAXWELL AFB ALABAMA/MONTGOMERY

### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

									,	,		·	
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.0	2.6	2.1	.3	1							7.1	
KNE	1.1	1.3	. 8	. 2								3.4	5
NE	1.9	1.7	.9	• 2	.0							4.7	5
ENE	1,9	1.1	1.0	.1	.0							3.1	5.
E	2.4	2.8	1.8	•1			i					7.1	- 5
ESE	8,	1.5	. 8	•1								3.2	
SE	1.5	2.1	1.5				i	[	T	1		5.2	_5
SSE	. 8	1.4	1.1	.3	•0	•0	T					3.6	.6.
S	1.0	1.3	1.2	.5		- 0	.0	ĺ				4.1	6.
ssw	.7	.7	1.1	•1	. 1							2.8	6
sw	1.1	1.6	1,2	.4	.0	•0						4.3	6
wsw	1.1	1.2	1.0	.2					<del></del>			3.5	5
*	1.7	2.4	2.3	.7	.1	•0			1	1		7.3	-6
WNW	1.0	1.8	2.2	1.4	.5	•0						6.8	8
NW	1.2	1.9		2.1	.3	•1	.0			1		9.7	8.
NNW	1.3	2.0	2.3	.8	.2	•0	l					6.6	7,
VARBL							<u> </u>			i		1	
CALM	$\supset \subset$	> <	$\supset <$	> <	><	$\supset \subset$	$\supset \subset$	$\supset <$	$\supset <$			17.5	
	20.6	27.4	25.0	7.6	1.5	.3	.1					100.0	

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGOMERY	37=7?	NOV NONTH
		EATHER	
	ca	NDITION	-

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.1	2.4	1.4	.2	.0	•0						6.2	5,3
NNE	1.0	1,2	,6	•1								2.9	5.0
NE	2,2	1.7	.7	.2				l				4.9	4.8
ENE	1.4	1.8	.7	• 1	• 0							4.1	5.0
E	1,3	2,3	1,3	, 3								5,2	5,6
ESE	.0	1,6	1.2	• 0								3.5	5,8
SE	1,3	2,8	2.2	•1								6,4	5,8
SSE	101	, 9	.7	. 2	• 0							2.8	5,2 5,7
5	1,6	1.3	, 9	. 2	. 2							4.2	
ssw	,7	.7	.4	• 2	•0	•0				<u> </u>	ļ	2.1	6.1
sw	1,3	.7	, 5	-1					<u> </u>			2.6	4.6
WSW	,6	. 5	. 2					<u> </u>	<u> </u>		<u> </u>	1.4	4.3
w	2,0	1.2	1.1	, 5	•1			<u> </u>			<u> </u>	5.0	6.1
WNW	1.1	2.0	1,6	• 7	,2	1		<u> </u>		<u> </u>		5.7	7,1
NW	1.7	2.2	3,5	,9		•0			<u> </u>			8.5	7,2
WNN	1.6	1.2	1.8	94	. 2		<u> </u>	İ	<u> </u>			5.2	6.3
VARBL				<u> </u>	·		<u></u>	<u></u>	<u> </u>	<u> </u>			<u> </u>
CALM	><	$>\!\!<$	><	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	29.5	
	21.7	24.6	18.9	4.2	. 8	•2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOITATE	MAXWELL APB ALABAMA/MONIGOMERY	37#72 YEARS	NDV MONTH
		EATHER	2100-2300 ROURS (L.S.T.)
	COL	KOITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.7	2.2	1.4	.2	.0							5.6	5.
NNE	1.8	1.6	1.1	1								4.6	4.
NE	2,8	3.1	. 9									6.9	4.
ENE	1.3	1,2	. 8	.2	.0							3.5	5.
E	1.3	2.4	1.5	. 3								5.6	5.
ESE	. 5		• 7	.0								1.9	5
SE	1.1	2.4	1.5	. 2								5.2	5
SSE	9	1.Ô	.7	.2								2.8	5
S	1.8	1.5	. 9	. 3	.0							4.5	5
ssw	. 5	6	5	• 2	• 0							1.8	6
sw	1.4	ġ	. 7	• 2								3.1	4
wsw	.6	. 3	3	. 2								1.6	5
w	1.4	1.7	1.0	.2	1		.0					4.4	3
WNW	. 8	1.4	1.7	.6	1	•1						4.6	7
мм	1.8	1.7	2.6	• 7	. 2							7.0	6
NNW	1.0	9	1.2	.4	.1							3.5	6
VARBL			,									1	
CALM	$\times$	$\geq \leq$	$\geq$	$\geq \leq$	$\ge $	$\geq <$	$\times$	$\times$	> <	$\supset \subset$	> <	33,3	
	20.7	23.7	17.6	4.0	. 5	. 1	•0					100.0	3

TOTAL NUMBER OF OBSERVATIONS

€ 2 €	DATA PR ETAC/US AIR WEA	AF			P	PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)							FACE	WINDS	
C	13821 STATION	WXAM	ELL AFE	ALABA STATIO	MA/MOI	v <b>TG</b> ONEF	RY	37	-71	<del></del> -	TEARS			<u>p</u>	EC.
(							ALL WE			<del></del>				-0000	=0200_ (Ls.T.)
<b>{</b>			-				сон	DITION				~ <b>-</b>			
C		SPEED			<del></del>				<del></del>		<del></del>			—т	
€.		(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
		N	2.0	2,2	1.2	.3	-1							5.8	5,5
		NNE	1.9	2.2	1.1	1								5.3	4.8
•		NE	2.9	3.3	1.7						ļ	ļ!	! <del></del>	8.0	4.7
		ENE	1.6	2.0	1.0						<u> </u>	[i	ı	5.1	5.5
C		ESE	1.9	2.4	1.9	5							<del> </del>	6.8	5.9
€.		SE	1.0	1.5	1.2		0				<del> </del>	<del> </del>		2.9	6.6
		SSE	.4	7	8.	.3	• 0	•1					<del> </del>	3.6	5.8 7.7
C		5	1.4	1.2	1.3	2	AV				<u> </u>		·	4.1	5.6
•		SSW	.8	ġ	6	ō					<del>                                     </del>			2.4	2.1
		SV.	1.4	8	. 3	0						i		2.6	4.1
C		wsw	1.0	. 7	.2	2	.0							2.1	4.8
-		W	1.3	1.4	1.3		. 2							4.9	6.9
		WNW	ف `	ڭەل	1.5	7	. 3	•0						4.8	7.6
€		NW	1.0	1.0	2.0	. 8	.4	-0						5,2	8.2
		NNW	-7	1.2	1.2	3	-1	.0						3.6	6.7
_		VARBL									Ļ				
£		CALM	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	30,5	
_			20.8		18.3	5.1	1.2	.2						100.0	4,1
1											TOTAL NU	ABER OF OBS	ERVATIONS	···	3240

Company of the compan

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37=71

STATION RAME

ALL WEATHER

COMMITTION

COMMITTION

SPEED

SPEED

MEAN

SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.7	1.3	.4	.1							6.3	5.5
NNE	2,3	2.4	1.3	.1								6.1	4.8
NE	3,9	3.7	2.4	.1								10.1	4.8
ENE	2.1	2.2	1.5	. 2	.0							6.1	5.4
E	1.7	1.9	1.9	. 5	.0							6.0	6.1
ESE	. 5	1.0	. 8	.3		•0						2.5	6.5
SE	1.1	1.2	. 9	.1	.0							3.3	5,4
SSE	, 3	કે	1.1	. 3	•0							2,6	7.4
\$	, 9	1.3	.7	. 2	•0					<u> </u>		3.1	5.6
SSW	,8	7	. 3							<u> </u>		1.9	4.4
sw	1.6	1,0	. 5	1							i	3.2	4,4
wsw	. 8	.7	. 2	.1						<u> </u>	<u> </u>	1,9	4,6
w	1.1	1.7	1.2	.7	1	•0			<u> </u>	<u> </u>	<u> </u>	4.9	6.9
WNW	8,	1.4	1.1	6	1	•0		<u></u>				4.0	7,2
NW	,9	1.4	1.7	1.0	,2	1			L			5,3	8,1
NNW	.8	1.2	1.2	.3	.0	•0		L			<u> </u>	3.6	6,6
VARBL											<u> </u>		
CALM	$\geq <$	><	><	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	29.2	
	21.2	25.3	18,3	5.0	.7	•2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 3234

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL AFB ALABAMA/MONTGOMERY 37-72 STATION RANK YEARS	DEC MONTH
	ALL WEATHER	
	CONDITION	_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	2.4	1.6	. 4					i			6.0	5.7
NNE	2.3	2.3	1.6	2								6.5	5.2
NE	4.6	3.8	2.5	.1								11.0	4.0
ENE	2.1	2.3	1.9	.4								6.6	5.6
E	1.7	2.4	2.4	. 5								7.0	6.0
ESE	. 4	1.1	1.3	. 3	.0	•0						3.1	7.2
SE	.6	1.4	1.0	.2	.0							3.3	6.
SSE	5	. 9	. 8	• 2	.1	•0						2.6	6.
S	3	. â	8.	. 2	0	•0						2.6	_6,1
ssw	.7	. 8	.4	• 1								2.0	4.4
sw	1.4	1.0	.6	•0	-1							3.1	4.
wsw	. 8	5	.5	.1	.1							1.8	5.
w	1.9	1.5	1.4	.6	.1							5.5	6.
WNW	1.0	1.5	1.3	. 5	.0	•1						4.4	6,
NW	. 9	1.2	1.7	.9	. 3	•1						5.1	8.
NNW	Ü	7	1.0	. 3	. 1	. 1						2.9	7.
VARBL													· · ·
CALM	$\geq <$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq$	$\geq \leq$	$\geq$	$\geq <$	$\geq$	$\geq$	><	26.6	
	22.2	24.5	20.5	5.2	. 8	.4						100.0	4.

TOTAL NUMBER OF OBSERVATIONS 3324

DATA PROCESSING BRANCH ETAC/USAF AJR WEATHER SERVICE/NAC

MAXWELL AFB ALABAMA/MONTGOMERY

€ 2

C

#### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

	_	-			CON	DITION							
				<del></del>									
													_
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	
N	1.4	2.5	2.1	.6	.1							6.7	T
NNE	1.0	1.9	1.4	. 4								5.4	
NE	2,4	3,2	2.1	,3	.0							8.0	Ĺ
ENE	1.9	2,3	1,7	,6	0							6.6	Γ
E	1.4	3.1	2.5	1.0	.1							8.1	T
ESE	,5	1.4	1.6	.5	.0		• 0					4.1	Γ
SE	1.3	1.9	1.9	.5	.1						Ĭ,	5.7	Γ
SSE	,6	8.	1.0	,3	.1							2.9	Γ
S	.9	.9	1.4	.7	.1				Ĭ.			4.1	Γ
ssw	,7	.7	,6	. 5	,1							2.5	Τ
sw	.9	1.0	1.3	.3	.1	•0						3.6	Τ
WSW	1.0	. 9	.9	.4	• 1	•0						3.4	T
w	,9	1.8	2.1	1.2	.3	•0						6.3	Γ
WNW	. 8	1.1	1.8	1.4	.4	• 2						5.7	Т

TOTAL NUMBER OF OBSERVATIONS 3342

USAFETAC FORM JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVIÇE/MAC

C

Ť,

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MAXWELL AFB ALARAMA/MONTGOMERY 37-72

	_				CON	IDITION				<del></del>			
SPEED	_							Γ	1		<u> </u>	T	Т
(KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	İ
N	1.4	2.1	2.3	.6	.1			l	<del>                                     </del>			5.4	t
NNE	1.0	1.3	1.0	- 1								3.5	t
NE	1.7	1.7	1.3	•2						<b></b>		4.9	t
ENE	9	1,6	1.2	.4								4.2	-7-
Ε	1.8	2.2	2.5	8				<del> </del>		<u> </u>		7.3	
ESE	. 8	1.5	1.3	.4	•0							3.9	
SE	1.0	2.1	1.9	.6	1	•0						5.7	t
SSE	5	. 8	1.0	.4	•0							2.8	t
S	1.4	<u></u>	1.6	.7	. 2	• 1						5.1	t
ssw	- 6	6	, 9	•6	•1							2.8	t
sw	1.5	1.3	2.0	1.3	.1	•1				<u> </u>		6.3	H
WSW	.7	1.1	1.5	. 5	,2	•0				ı		4.0	┢
w	1.5	2.4	3,5	2.0	. 5	•0						10.0	┪
WNW	7	1.5	1.9	2.2	. 5	• 2					<del></del>	7.1	┢
NW	. 8	1.8	2.4	1.9	.6	•1						7.6	-
NNW	6	1.2	1.5	.7	.1	•0						4.2	i-
VARBL						7.				<del></del>		70%	H
CALM	$\geq \leq$	$\geq \leq$	><	><	> <	> <	> <	><	>>	$\overline{}$	$\overline{}$	14.2	一
	16.8	24.4	27.8	13.5	2.6	•7						100-0	-

TOTAL NUMBER OF OBSERVATIONS

3335

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH

ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13821 MAXWELL AFB ALABAMA/MONTGOMERY

STATION MARK

ALL WEATHER

COMMITTOR

COMMITTOR

COMMITTOR

SPEED

SPEED

1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 ≥56 % WIND

MEAN
WIND

AMEAN
WIND

AMEAN
WIND

AMEAN
WIND

AMEAN
WIND

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

AMEAN
WIND

AMEAN
WIND

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTOR

COMMITTO

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAI WINI SPEEI
N	1.6	2.1	2.1	.4	.1							6.3	6
NNE	1,3	1.2	•7	.2								3.4	5
NE	1.5	1,4	1.0	•1								4.0	4
ENE	1.1	1,1	1.2	.3	.0							3,8	6
ε	2.1	2,5	1.9	• 5								7.0	5
ESE	1.0	1.3	1.2	. 2	•							3.7	6
SE	1.2	2.3	1.3	•1	• 0							4.9	5
SSE	.8	1.0	1.4	, 5	• 1							3.7	7
S	1.0	1,5	1.3	,4	•0	•0			<u> </u>			4.2	6
ssw	.7	1.0	. 8	, 3	•0							2.9	6
sw	2.0	1.4	1.3	,3	• 0	•0						5,1	
wsw	1.2	1,4	, 9	,4	. 1	•0	•0					4.0	6
w	1.9	2,6	2.8	1.5	. 1	•0						9.0	
WNW	.6	1,5	1.5	1,6	, 3	•1	1			<u> </u>		5.7	9
NW	1.3	2,4	2.9	2.0	, 3							8.9	8
NNW	1.0	1.4	2.2	.7	, 2	• 1						5.6	7
VARBL							L			L			L
CALM	$\geq \leq$	><	><	$\geq \leq$	$\geq \leq$			$\geq \leq$	$\geq \leq$	$\geq \leq$		17.7	
	20.2	26.1	24.7	9.7	1.3	.2	.1					100.0	

TOTAL NUMBER OF OBSERVATIONS

3343

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS 2 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MAXWELL AFB ALABAMA/MONTGOMERY Û SPEED (KNTS) DIR. MEAN WIND SPEED N NNE ENE E 3.0 ESE 1.0 SE .0 SSE 5 SSW SW WSW w WNW NW 6.8 VARBL 25.5 TOTAL NUMBER OF OBSERVATIONS 3316

#### SURFACE WINDS

#### PFRCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13821 STATION	MAXWELL ASB ALABAMA/MONTGOHERY	37=72 YEARS	DEC
		EATHER	2100-2300 HOURS (LS.T.)
	col	KOTTION	

	19,8	23.8	20.4	6.4	1.2	.2				<u> </u>		100.0	
CALM		> <	> <	> <	> <	><	> <	$\supset <$	$\supset <$	> <		28.1	
VARBL													
NNW	, 9	1.0	1.3	. 4	1				I			3.7	6
NW	1.1	1.1	2.0	1.0	. 5	. 1						5.9	8
WNW	1.0	1.5	1.4	.7	.0	•0						4.6	6
w	1.5	1.3	1.0	.6	. 2							4.6	6
WSW	.9	.8	.4	.3				T				2.5	5
SW	1.4	1.1	.7	•0				T	i			3.2	4
ssw	.8	8	. 8	.2				<del></del>		<del></del>		2.6	5
s	1.8	1.5	1,2	.5	•1		_	t — —		ļ	i	5.1	5
SSE	.3	1.1	1.2	. 4	. 2			l	<del>                                     </del>	<del></del>		3.2	7
SE	1.5	1.7	1.5	,2	•1			<u> </u>	i	T	i	5.0	5
ESE	-4	1.5	1.4	.3		•0			<del>                                     </del>	<del>                                     </del>		3.6	6
E	1.3	2,3	2.4	.7	•0					<del> </del>		6.7	6
ENE	1.1	1.7	1.2	.3		.0		<del>                                     </del>	l			4.2	6
NE	2.2	2.5	1.4	.1					<del> </del>			6.3	5
NNE	2.1	2.4	1.4			•0		<del> </del>	<del> </del>	ļ		6.1	4
N	1.7	2 6	1 4	.5				<del> </del>	<del> </del>	ļ			5
SPEED KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	78 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAI WIN SPCE

TOTAL NUMBER OF OBSERVATIONS

€2 €

,

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVIÇE/MAC

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 21	22 - 27	28 - 33	34 • 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	1.4	1.0	.3	.0		.0					3.9	5.7
NNE	1.1	1.4	1.0	.2	.0	•0	.0	.0				3.7	5.9
NE	2.5	2.9	2.3	.5	.0	•0	.0					8.2	5.7
ENE	1.7	3.1	2.9	.6	-1	•0						8.4	6.4
E	2.3	4.7	4.3	.9		•0						12.3	
ESE	1.0	1.7	1.7	. 4		• 0	.0					4.9	6.7
SE	1.6	2.0	1.7	. 5	• 1	•0	•0					5.9	6.2
SSE	.7	1.0	1.0	. 4		0	•0					3.2	6.9
5	1.3	1.5	1.3	. 4	• 1	• 0						4.6	5.2
ssw	.7	. 9	.7	. 2	•0			.0				2.6	6.1
sw	1.2	1.4	1.1	. 3	•	. 2		0				4.1	6.1
wsw	,6	, 9	•7	. 4	•	_,0	0			.0		2.8	7.3
w	1.2	1.5	1.7	1.0	. 3	•1	•0	•0				5.7	7,9
WNW	.5	8	1.2	. 9	. 3	1	2					3.8	9.2
NW	,7	1.0	1.5	. 8	.3		L	• 0				4.4	8.5
NNW	. 5	.7	.8	. 3	9	•0						2.3	7.1
VARBL										!			
CALM	$\geq \leq$	$\times$	$\geq \leq$	$\times$	$\geq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		><	19.2	
	18,8	26.9	25.0	8.1	1.6	,4				.0		100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 29699

USAFETAC FORM O-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

#### PART D

まいままでものんちょう でんかいかん

1

#### CEILING VERSUS VISIBILITY

This summary is a <u>bivariate percentage frequency</u> <u>distribution</u> by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month. all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by reference to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1:09 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1940. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

#### EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING	!						VIS	IBILITY (S	ATUTE MI	LES)				<del></del>	<u></u>	
(FEET)	≥ 10	•≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥1%	21%	≥ 1	≥ %	≥ %	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING										$\searrow$						
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 3000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9		}	98.3						100.0

- EXAMPLE #1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ . For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%. Ceiling  $\geq 500$  feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq$  0. From the table: Visibility  $\geq$  3 miles = 95.4%.

  Visibility  $\geq$  2 miles = 96.9%.

  Visibility  $\geq$  1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

974,29963

#### ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with calling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq$  1500 feet with  $\geq$  3 miles, subtracted from 97.4 read from the table at the intersection of  $\geq$  500 feet with  $\geq$  1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq$  500 feet with visibility  $\geq$  1 mile, but < 3 miles; or ceiling  $\geq$  500 feet, but < 1500 feet with visibility  $\geq$  1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAHA/MONTGOMERY

<u> 37-72</u>

MOUTH HOURS (EST.)

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VISIBIL	ITY (STATUT	E MILES)							
CEILING (FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	₹.,	≥ ¾	≥ %	> 5/16	≥ ¼	≥ 0
NO CEITING	33.6		52.0	53.1 61.5	53.9	54.0 62.5	54.3 62.9		54.4	54.6 63.2	54.7	54.7	54,8	54.8	54.8	55.0 63.6
≥ 18000 ≥ 16000	39.3 39.6	58,9	61.0	61.8	63.2	62,8	63,7	63.8	63.4	64.0	63.6	64.1	64.2	64 2	64.3	64,4
≥ 14000 ≥ 12000	40.4	62,6	64.9	66.2	67.2	67.3	67.7	67,8	67.9	65.5	68.1	68.2 70.4	65.7 68.2 70.5	68 . Z	68.3	70.7
≥ 10000 ≥ 9000	42.9 43.2 43.9	65,3	67.7	69.1	70.1	70.2 71.7	70.6 72.1	70.5	70.8	71.0	71.1	71.1	71.2	71,2	71.3	71,4
≥ 8000 ≥ 7000	44.5	67.8	70.3	73.8	72.8	73.0	73.4	73,6	73.6	73,8	73.9	73.9	74.0	74.0	74.1	74.2
≥ 6000 ≥ 5000	46.0	70.5	73.2	74,8	75.9	76.1	76.5	76,7	76.8	77.0	77.1	77.1	77.2	77.2	77.3	77,4
≥ 4500 ≥ 4000 ≥ 3500	47.5	73.0	75.8	77,5	78.7	78.9			79.6	79,8	79.9	79.9 81.4	80.0	80.0	80 · 1	80.3
≥ 300°	49.5 50.4	76.4	79.4	81.2	82.5	82.6	85.2	83,4	83.4	83,7	83.8	83.8	85.0	83,9	84.0	86.2
≥ 2000 ≥ 1800	51.4	8110	84.2	86.2	87.7	87.5		1 ' 1 1	85.7	88.3 89.0 90.9	1	89.1 91.0	89.2 91.1	59,2 91.1	98.6 89.3	88,7 89,5
≥ 1500	52.3	83.8	87.3	87.9 89.6 90.8		91.4 92.8	92.1	90,5 92,4 93,8	90.6 92.4 93.8	92.7	91.0 92.8 94.3	91.0			93.0	93.2
≥ 1000 ≥ 900 ≥ 800	33.0 33.2 53.3	85.1 85.6	88.9	91.3	93.1	93.3		94,4	94.4	94.8 \$5.7	94.9	94,9	1		95.1	95.3
≥ 700 ≥ 600	53.3	86.0	89.5	92.	94.4	95.2	95.6	95.9	96.0	96.4	96:5	96.5	97.3	97.3	96.7 97.4	
≥ 500 ≥ 400	53.4	86.5	90.	93.3 93.3	95.4	95.7	95.8	97.2	97.2 97.7	97.7 98.2	97.9 98.4	97.9	98.6	98.6	98.2	93.8
≥ 300 ≥ 200	53.4	86.6	90.			96.	97.4			98,7	98,7		99.2	99,2	99.1 99.4 99.5	99.6
≥ 100 ≥ 0	53.4		1 4 5 1 2	م مد انت	1	96.3	97.5			4 2 7	99.0			1		100.0

TOTAL NUMBER OF OBSERVATIONS\_

30438

USAF ETAC KILES 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCIETE

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEHING							VISIBII	LITY (STATU	TE MILES)	<u></u>						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥1%	ا ≤	≥ ¼	≥ ¾	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	24.0	38.1 43.9	40.0		42.2 48.8	42.3		42.9	42.9		43.2 50.0	43.2		43,3 50.1	43.4	43.6
≥ 18000 ≥ 16000	27.6	44,2	46,5	48,0	49.1	49,2	_ • •	50,0 50,4	50.0 50.4	50,2 50,7	50.3	50.3	50.4	50,4	50.5 50.9	50,7 51,1
≥ 14000 ≥ 12000	28.5	45,7	48,1	49.7 51.6	50.7 52.8	50.9 52.9	53.4	53.7	51.7 53.7	51.9 54.0	52.0 54.0	52.0 54.1	52.1	52.1 54.2	52.2 54.3	52.4
> 10000 ≥ 9000	30.2	49.1	52.3	54.1	54.6 55.3	54,7	55.2	56.2	55.6	56,5	55.9	55.9 56.6	56.0	56.0 56.7	56.9	56,3 57,1
≥ 8000 ≥ 7000	31.9	52,8		57,6	57.1 58.9	57.2	59,7	60.0	58.1		58.4	58.5	60.5	58,6	58.7	58,9
≥ 6000 ≥ 5000	32.8 33.8	56,4	59.7	61.8	63.2	63,4	64.1	64,4	64.5	64,8	64.9	64.9	62.4	65.0	62.6	62.8
≥ 4500 ≥ 4000	34.2	57,3	62.1	64.3	65.9	66+1	66.9	67.2	67.2	67.6	67.7	67.7	67.8	67,8	68.0	68.2
≥ 3500 ≥ 3000	35.4 36.3	61.9	65.5	67,8	69.6	67.6	70.6	71.0	71.1	71.4	71.5	71.6	69.4	71.7	71.8	72,1
≥ 2500 ≥ 2000	37.4 38.6	66,8	70.8	73.6	72.2	72.5	76.9	73,8	77.3	74.2	74.3	74.3	78.0	74,5	78.2	74,9
≥ 1800 ≥ 1500	39.0	67,8	74,4	77.3	76.8	77.1	78.0 80.9	78.5 81.3	78.5	78,9 81,8	79,1 81,9	79.1		79,3 82,1	79.4	79.6 82.5
≥ 1200 ≥ 1000	40.4 40.7	74.0	79.0	-	85.0	85.4	86.6		87.2	87.8	87.9	85.3	85.5	35 + 5 88 + 2	88.3	85,5
≥ 900 ≥ 800	40.9	75.2	80.5	84,2	87.1 88.3	86.2 87.6		89,7	88.2						91.0	89.5 91.3
≥ 760 ≥ 600	41.1	76.2	7/1	86,0	89,1	89,7	91.4	92,2 93,4	92.3	91.8 93.0	92.1	92.1	92,3			92.8
≥ 500 ≥ 400	41.1	76.7	82.5	86.9 87.2	90.0	91.2		94.3	93.5	95,5	94,7 95.8 96.7	94.7		96.2	95.2	95,5
≥ 300 ≥ 200	41.1 41.1	76.8		87.2	91.1	91.6 91.8 91.8	94.1	95.3	95.0 95.4 95.5	96.9	97.5	96.8 97.5 97.7	97.9		97·4 98·3 98·7	97,8 98.7 99.3
≥ 100 ≥ 0	41.1	76,8				91,8		95,3				97.7				100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC  $_{301.64}^{\text{FORM}} = 0.14.5 \, (\text{OLA})$  previous editions of this form are obsolete

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41-43-72

FEB

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VISIBIL	ITY (STATU)	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	. ≥4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 11/4	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	26.8 30.5	41.4	43.0	44.2 50.6	45.0	45.1 51.6	45.5	45.6 52.3	45.7	45.8	45.9 52.6	45.9	45.9	45,9	46.0	
≥ 18000 ≥ 16000	30.8	47,6	49.6 50.2	51.1 51.7	52.0 52.6	52,1	52.7 53.2	52.8 53.4	52.9 53.5	53,1 53,7	53,2 53,7	53.2 53.7		53,2 53,8	53.3	53.4 54.0
≥ 14000 ≥ 12000	31.8	51.4	53.6	53.2 55.2	54.1 56.2	54 • 2 56 • 3	54.8 56.9	54,9 57,1	55.0 57.1	55,2 57,4	55.3 57.4	55.3 57.4	55.3 57.5	55,3 57,5	55.4 57.6	
≥ 10000 ≥ 9000	33.8	53.8	55,3	56.9 57.7	58.8	58,1	58.7 59,5	58.8	58.9	59.1 60.0	59.2 60.0			59,3 60.1	59.4	59.4
≥ 8000 ≥ 7000	35.2 36.0	55,6 57,1	59.7	59.7	62.7	62.8	63.5	63.7	63,7	64.0	62,1			62,2	62.3	64,3
≥ 6000 ≥ 5000	36.9 37.8	59,0	63.6	63,5	67.0	67.1	67.8	65.8	68.1	68,4	66.1	68.4	66.2	68,5	66,3	68.7
≥ 4500 ≥ 4000	38.2 39.2 39.9	63.7	64.6 66.7 68.2	68,8	70.3 72.0	70.5 72.1		69 • 1 71 • 4 73 • 2	69.2 71.5 73.2		69.5 71.9 73.6	71.9				72.2
≥ 3500 ≥ 3000	41.2	67,5	70.7	73.0	74.7	74.9	75.7 78.2	76,0 78.5	76.0	_L T	76.4	73.6 76.4 79.0	76.5	73,7 76.5	73.8 76.7 79.2	73.9 76.7 79.3
≥ 2500 ≥ 2000	43.5	72.5	76.0	78.8	80.7	81.0	_ ·	82.2	82.3	82.7	82.7 83.9	82.7	82.8	82.9 84.0	83.0	83,1
≥ 1800 ≥ 1500 ≥ 1200	44.4	75,3	79.2	1 .	86.8	84.6	85.6	86.0		86.5	86,5	86.6	86.7	86.7	86.8	
≥ 1000	45.4	78,4	82.7	86.2	88.6	88,9		90.5	90.6	91.1	91.2	91.2	91.4	91.4	91.5	91.6
≥ 700 ≥ 700	45.5	79.4	84.0	87.7	90.3	90.7	92.1	92,6	92.6	93.2	93,4	93.4	93.5	93,6	93.7	93,8
≥ 600	45.6	80 - 1 80 - 4	84.9	88,9	91.8	92.3	- 3 - 4	94,5	94.6	75.3	95,4		95,6		95.8	A - ' A
≥ 400	45.7	80.6	85.6	90.1	93.2 93.4	93.7	95.6			97.4	97.7	97.8	98.0	98.0	98.2	98.3
≥ 200 ≥ 100	45.7	80.7	85.7	90.1			96.1	97.0 97.0	97.1	98.3	98.7	98.7	99.1	99.2	99.4	99.5
≥ 0	45.7	80.7	85.7	90.1			96.1	97.0	97.1			98.8		99.4		100.0

TOTAL NUMBER OF OBSERVATIONS\_

23474

USAF ETAC JUL 64 0-14-5 (OL A) FREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU)	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/3	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	31.1	45,2	46.9 53.4	47.9 54.6		48.7 55.6		56.0	49.0 56.1	56,2	56.2	49.2 56.2	56,3	56,3	49.2 56.3	56,4
≥ 18000 ≥ 16000	35.6 36.0	52.6	54.0 54.6	55.2 55.8	56.1 56.7	56.2 56.8		57.3	57.3	56,8	57.5	56.8	57,5	57,5	56.9 57.5	57,6
≥ 14000 ≥ 12000	37.0 38.1	56.0		57.4	58.3	58,4	60.9	58,8	58.9	59,0 61,2	61.2	59.0 61.2 63.4	61.2	59,1 61,2 63.4	59,1 61,3 63,4	61.4
≥ 10000 ≥ 9000	39.2	58.7	60.9	61,6	62.6	63.4	63.7	63.9	63.2 63.9		64.1	64.1	64.1	64.1	64.2	64,3
≥ 8000 ≥ 7000	40.4 41.2 42.0	61.7	64.2	63,9 65,7	65.0 66.8 68.7	65 • 1	67.3	67,5	67.5		67.7	67.7	67.7	67.7	67.7	67.8
≥ 6000 ≥ 5000	43.1	65,4	68,2	70.0		71.3	71.8	72.0	72.0	72.2	1 1	72.2		72.3	72.3	72.4
≥ 4500 ≥ 4000	44.5	68,3	71.3	73.1	74.5	74.6	***	75.3	75.3	75.4	75.5	75.5	75.5	75,6	75.6	77.5
≥ 3500 ≥ 3000 ≥ 2500	46.5	= - 7 .	75.4	77.4	78.9 81.4	79.0	79.5	79,7	79.8			82.6	82.7	82.7	82.7	80.2
≥ 2000 ≥ 1800	48.5		80.5 81.4	82.8	84.5	84.6	86.3	86,5		86,8	86.8	85.8	86.9	86,9		87.0
≥ 1500	50.1	81.2	85.4	88.1	90.1	90.3	91.1	91,4		91.7	91.8	91.8	91.8	91,8	91.8	92.0
≥ 1000	50.4	82,8	1 .4		92.4	92.7	93.5	93,9	94.0			93.6 94.4 95.4				
≥ 800	50.6	83,6	88.2	91.4	93.2 93.8 94.4	93+5 94+1 94+8	795.1	95.6	95.6	96.1	95,4 96,2 97.1	96.2	96.3	96.3	96.3	96.4
≥ 600	50.8 50.8	84.1	88,5 88,9	91.9 92.3 92.6	95.0	95.4	90,6	97,2	97.3	970	98.0	98.0	98.1	98,1	98.2	98.3
≥ 400 ≥ 300 ≥ 200	50.6	84.2	89.1	92.7	95.5	95.9	97.4	98,1	98.2	98.8	99.0	99.1	99.2	99,2	99.3	99,4
≥ 100 ≥ 0	50.8	~	89.1	92.7	95.6		97.5	98,3	98.3	99,0		99.3	99,			99.8 100.0

TOTAL NUMBER OF OBSERVATIONS\_

#### **CEILING VERSUS VISIBILITY**

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING						•	ViSIBII	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥11/3	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 2000x	39.0 45.2	53.2 61.5	54.9	55.7 64.3	56.4	56 4	اتسما		56.7	56,7 65,4	56.8 65,5	56.8 65.5	56.8 65.5	56.8 65.5	56.9 65.5	57.0 65.7
≥ 18000 ≥ 16000	45.5	62,4	64,3	64,8	65.5	65+5	65,7 66,2	65.8	65,8	65,9	65.9	65.9	66.5	66.5	66.5	66.6
≥ 14000 ≥ 12000	46.7	63.7	67.5	68,5	67.3	69.3	67.5	67,6	67.6	67,7	67.8 69.7	67.8	67.8	67,8	67.9	68,0
≥ 10000 ≥ 9000	49.0	67,8	69.3	70.9	71.1	71.7	71.4	71,5 72,0	72.0		71.6	71.6	71.7	71,7	71.7	71.8
≥ 8000 ≥ 7000	50.2	70.2	72.3	73.5	74.3	73.1	73.3	73,4	73.4	73.5	73.5	73.5	73.6	74,9	73.6	73.8
≥ 6000 ≥ 5000	50.7 51.7 52.1	71,4	73.7	77.0	77,8	77,9	78.1	78,2	78.2	76,2 78,3	76,2	76.2 78.4	76.3	76,3	76,3	76,5
≥ 4500 ≥ 4000	53.2	75,9	78.4 78.4	79,8	80.8	80.8	79.0 -81.1 82.5	79,1 81,2	79.1 81.2	81.3	81.3	79.3 81.3	79.4 81.4	79,4 81,4	79.4 81.4	79.5 81.6
≤ 3500 ≥ 3000	55.3	79,4	82.1	83.7	84.7	82 • 2 84 • 8	انقسا	82,6 85,1	82.6	82.7 85.2	82.8	82.8 85.3	82.8 85.4	82,9	82.9 85.4	83.0
≥ 2500 ≥ 2000	57.3	83,8	86.7	88.5	89,6	89.7	90.1	90.2	90.2	90.3	90.4 91.2	90.4	90.5	90.5 91.2	90.5	90.7
≥ 1800 ≥ 1500 ≥ 1200	58.3	86,1	89.1 90.6	91.0	92.3	92.4	92.8	92.9	92.9	93.1	93.2	93.2	93.3	91,2 93,3 95.0	93.3	91,4
≥ 1000	58.9	88,2	91.6		95.2	95.3	95.8		96.0		47	96.3	96.4	96.4	96.4	96,5
≥ \$00 ≥ 800 ≥ 700	59.0	88.9	92.7	94.7	96.3	96.5	97.1	97,2	97.2	97.4	97.5	97.5	97.6	97.6	97.7	97,8
≥ 600	59.1	89.2	92.9	95.2 95.4	96.9	97.4	97.8	97.9	98.0	98.2	98.3	98.3	98.4	98.4	98.5	98.6
≥ 400 ≥ 300	59. Î	89,4	93.2	95,6	97.4	97.6		98.5	98.6	4 1 1	99.0	99.0	99,1	99,1	99.2	99.3
≥ 200	59. i	89,4 89,4	93.2	95.7	97.5	97.8	- 3.00		98,9	99.2	99.3	99.4	99.5	99.5	99.6	99.7
≥ 0	59.1	89,4	93.2	95.7	97.5	97,8	98.6		98.9		99,4	99.4		99.6		100.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_

USAF ETAC 101 54 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



#### CEILING VERSUS VISIBILITY

•

MAXWELL AFB ALABAMA/MUNTGUMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOUPS (L ST

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21⁄1	≥ 2	≥11/3	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.0 47.2	56.8 66.5	68.4	59.1 69.2	59.6 69.7	59.6 69.7		59.8 70.0	59.8 70.0			59.9 70.1	60.0	60.0 70.1	60.0 70.1	60.0 70.2
≥ 18000 ≥ 16000	47.5	66.8		69.5 70.0	70.0 70.5	70.1 70.5		70,3 70,8	70.3		70.4	70.4	70.5		70.5 70.9	70.5
≥ 14000 ≥ 12000	48.5	70.9	72.9	71.3	71.8	71.9		72·1 74·6	72.1	74.7	74.7	72.2	74.7	72.3	72.3	72,3
≥ 10000 ≥ 9000	51.7	73.7	75.8	76.0 76.5	76.6	76.6	77.5	76.9	76.9		77.7	77.0	77.7	77,0	77.8	77.1
0003 ≤	52.6	75.0	78.4	78.2	78.8	78.8 80.0	80.2	79,1 80.3	79.1 80.3	80.3		79.2		79,2 80.4	80.4	79.3 80.4
≥ 6000 ≥ 5000	53.8 54.8	77.3	81.4	82.5	83.1	81.3	83.4	81.6 83.4	83.4	83,5	83,5	83.5	81.7			81,8
≥ 4500 ≥ 4000	56.6	81,	42.4	85,4	86.0	84 • 1 86 • 1	86.3	86.4	86.4			86.4	86.5	84,5	86.5	84,6
≥ 3500 ≥ 3000	57.5 58.8 59.7	83,1 85,2	87.8	89.0	87.4	87.5	90.0	87,8 90.0	87.8 90.0	90.1	90.1	90.1	90.2		90.2	88.0 90.2
≥ 2500 ≤ 2000	60.4	86,8 88,2	91.0	92.3	91.4	91.5	93.4	91,8	91.8	91.9	91.9	91.9	93.7	92.0	93.7	92.0
≥ 1800 ≥ 1500	61.2	89.8		94.1	94.9	93.7	95.3	94.0	94.0	95,4	94.1	95.4	94.2	94.2	94.2	94.2
≥ 1200 ≥ 1000	61.9	91.5	94.6	96,1	97.0	96+1 97+1	97.4	96,5 97,5	96.5 97.5	97.6	90.6	97.7	97.7	96.7	96.7	96.7
≥ 900 ≥ 800	62.0	92.1	95.2	96.8	97.7	97,8	انتفعا	98,3	98.3	98.4	98.4	98.4	98.5	98.5 98.5	98 • 1 98 • 5	98 • 1 98 • 6 98 • 9
≥ 700 ≥ 600	62.1	92.4	7 7 2		98.2	98.3	98.7	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥ 500 ≥ 400	62.1	92.6		97.5	98.5	98.7	99.1	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300 ≥ 200	62.1	92.6	95,8	97.6	98.6	98 . 8	199,2	99.4	99.4	99,5	99.6	99.6	99.8	99.8	99.8	99.9
≥ 100 ≥ 0	62.1						99.2		99,4				ات هما			100.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_

USAF ETAC JULGE 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM AND CARSCHETE

USAF ETAC AIR WEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOHERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)							VISIBIL	UTAT2) YTI	TE MILES)							
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/2	≥ 1%	≥ 1	≥ ¾	≥ 3%	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	37.7	54,0		56,5		57.1	57.2	57.2 69.5	57.2	57,3 69,5	57.3	57.3	57.3	57.3	57.3	57.
≥ 18000 ≥ 16000	46.7	66,7	67.9	68,9 69,4	69.5 70.1	69.6 70.1	70.3	69,7 70,3	69.7	69,8	69.8 70,4	69.8	69.8 70.4	69.8	70.4	69. 70.
≥ 14000 ≥ 12000	48.0	71,0	70.1 73.0	71.2 74.0	71.8	71.9	72.0	72.1	72.1	72,1	72.1 75.0	72.1	72·1 75·0	72,1	72.2 75.0	72.
≥ 10000 ≥ 9000	51.2	73,8	75.8	76.9	77.7 78.3	77.7	77.8	77,9	77.9	77.9	78.0 78.6	78.0 78.6	78.6	78 • 0 78 • 6	78,0 78,7	78, 78,
≥ 8000 ≥ 7000	52.2 52.8	75,7	77.8 78.8	78.9	79.7 80.7	79,7	80.9	79,9	79.9	80.0		80.0 81.0	80.0 81.0	80.0	80.0 81.1	80 81
≥ 6000 ≥ 5000	53.3	77,4	79.6 81.4	80.7 82.6	81.5	\$1,6 \$3.5	81.7	81.8	81.8	81.8	81,9	81.9	81.9	81,9	81.9	81,
≥ 4500 ≥ 4000	55.1 56.5	80.2	82.4 84.5	83.6	84.5	84,5	84.7	84.7	84.7	84.5	84,8 87.0	84.8	84.8	84.8 87.0	84.8	84
≥ 3500 ≥ 3000	57.5 59.1	86.0		87.2 89.7	90.6	90.6	90.8	88 · 3	90.9	90.9	88.4 90.9	90.9	88.4 91.0	88.4 91.0	88.5 91.0	91,
≥ 2500 ≥ 2000	59.9	- · ·		91.1 93.1	92.0	92 • 1	92.3	92.3	92.3	92,4	92.4	92.4	92.5	92.5	92.5	92
≥ 1800 ≥ 1500	61.7	90.6	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	93.5	94.4	94.5	94.7	94.7	95.8	94.8 95.9	94.8	94.8	94.8	94.8	94.9	96
≥ 1200 ≥ 1000	62.3	91,4	94.0	95.5	96.5	96.6	96.8	96,9	96.9	96.9	97.0 97.9	97.0	97.0	97.0	97.0	97.
≥ 700 ≥ 800	62.4	9214	95.1	96.7	97.7 98.1	97.8	98.0	98.1	98.1	98.2	98.2 98.7	98.2	98.2 98.7	98.2	98.3 98.7	98.
≥ 700 ≤ 600	62.5	92,9	95.7	97.4 97.5	98.4 98.6	98.5	98.8	98,8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99,
≥ 500 ≥ 400	62.5	93.2		97.7	98.5 98.9	98.5	99.2	99.3	99.3	99.4	99.4	99.6	99.5	99,5	99.5	99,
≥ 300 ≥ 200	62.5	93.2	1 2 7 2	97.8 97.9		99.1	99.4	99.5	99.5	99.7			99.8	99.8	99.8	99. 99.
≥ 100 ≥ 0	62.5		1 2 2 2	97.9	•		99.5	99,5	99.6	99.7	99.8	99.8	99.8	99.8		

24833

USAF ETAC 1014 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/HUNTGOMERY

37-41,43-72

101

ALL OURSILST

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBI	LITY (STATU	TE MILES)		•					
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥ 1%	≥ 1	≥ 14	≥ ¾	≥ ⅓	≥5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	34.2	62.5	51.0 64.0										52.4			
≥ 15000 ≥ 16000	43.9	62,9			65.5				65.8	65.9	65.9	65.9	65,9	65.9		66.0
≥ 14000 ≥ 12000	45.8		67.2 71.1	68.0 71.9	68.4 72.4	72,4	68.7	68.7	68.8	68.8	68.8 72.8	68.8	68.9	68.9	68.9	68.9
≥ 10000 ≥ 9000	50.3	72,7	74.4 75.1	75.2 75.9	75.8	75.8	76.0	76.8		76.9	76.2 76.9	76.2	76.2		76.3 76.9	76.3
≥ 8000 ≥ 7000	51.0	74,7	<u> </u>	77.3 78.2		78,8	79.0				78.3 79.2		78.3	78.3	78.4	76,4
≥ 6000 ≥ 5000	52.1 52.8	76,5 77,6	79.5	80.4	80.9		' '   " '	-010			80.1	80.1	80.1 81.4	80 r 1 81 • 4	80.2 81.4	
≥ 4500 ≥ 4000	53,4	- 7	82.6	83,5	84.1	81.8 84.1	82.0 84.4	82 • 1 84 • 4	82.1 84.4	82,2 84.5	82.2 84.6	82.2 84.6		2777	1	T
≥ 3500 ≥ 3000	55.9 57.7	84.8	86.8		88.3	7 7			88.8	88.9	86.1 88.9	86.1 88.9	86.1	86.1	86.2 88.9	86.2
≥ 2500 ≥ 2000	59.8	- T	70.7		92.3	92,4	92.7	92.7		92.9	92.9					90,9
≥ 1800 ≥ 1500	59.9	₽9,9		93.2	93.9	94,0		94,4	94.4	94.5	94.5		93.2 94.5	= = 1	93.3	
≥ 1200 ≥ 1000	61.0	90.8	93.1 93.9	94.2	95.9	95.9	96.3	96.4	95.4 96.4		95.6 96.5	95.6	95.6 96.6	96.6	96.6	95.7
≥ 900 ≥ 800	61.2	92.5	95.0	96.1	95.3 97.0		97.4			97.7	97.0 97.7	97.7	97.7			
≥ 700 ≥ 600	61.4	93.1	95.7	96.9	97.8	97.9	98.2	98.4	98.4		98.6	98.6	98.6	98.6	98.7	
≥ 500 ≥ 400	61.5	93,4	96. j	97.3 97.4	98.4	98.5	198,5		98.9 99.1	99.3	99.3	99.1 99.3	99.2 99.4	99 • 2 99 • 4	99.2	99,5
≥ 300 ≥ 200	61.5 61.5	A	2 7 📆		98.6		99.1		99.4	99.5	99.5	99.5	99.6	99.8		

TOTAL NUMBER OF OBSERVATIONS

2549

USAF ETAC TULGA 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CONTRACTOR ASSESSMENT OF THE

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-70,72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ <i>l</i> .	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ 1/4	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	35.7 43.5	55,7		58,7 69,9	59.2 70.5	70.6	70.8	70.9	59.5 70.9	59.0 71.0	59.6 71.0	59.6 71.0	59.6 71.0	59,6 71.0	59,6 71.0	
≥ 16000 ≥ 16000	43.6	67.2	68,9 69,4	70.1 70.5	70.7	70.8	71.5	71.6	71.1 71.6	71.2	71.2 71.6	71.2 71.6	71.6	71,7	71.2 71.7	71.7
≥ 14000 ≥ 12000	45.2	69,0 72.4	71.3	72,4	73.1	73.2 76.7	76.9	73.5	73.5	73.5	73.5	77.1	73.6	73,6	73.6	77.2
≥ 3000	48.7	74.9	77.4 78.1	78.7 79.4	79.4	79.5 80.2	80.4	79.9 80.5	79.9	80.6	79,9	79.9 80.6	80.6		80.7	80.7
≥ 5000 ≥ 7000	49.8 50.1 50.5	76.8 77.5 78.1	79.4 80.1	81.5	82.2	82.3	82.6	81.9	81.9	81.9	82.0 82.8	82.0 82.8	82.8	82.0 82.8	82.8	
≥ 6000 ≥ 5000	51.2 51.6	79.2	80.8 81.9 82.7	82.1 83.3	82.9 84.0	83.0 84.2	84,4	83.3	84.5	83.4	83,4	83.4	83.4	83.5	83.5	84.7
≥ 4500 ≥ 4000	52.7	82.5	84.3	85,7	86.5	86.6		85.3 87.0	87.0 88.3		85.4 87.1	85.4 87.1	85.4 87.1 88.4	85.4 87.1 88.4	85 ; 4 87 · 1 88 · 5	85.3 87.2 88.5
≥ 3500 ≥ 3000	55.0	84.8	87.7	89.2	90.0	90.1	90.4					90.6			90.7	90.7
≥ 7500 ≥ 2000	56.6	87.6		92.1	93.0	93.1	93.4	93.5	93.5	93,6	93.6	93.6				93.7
≥ 1800 ≥ 1500	57.2 57.5	88,8 89,5	91.8	93,5	94.3	94.5			94.9	75.0		95.0	95.0		95,1	95.1
≥ 1000	57.7 57.8	90.2	93.4	95.1 95.4	96.1	96.2	96.6	96.7	96.7	96.3	96,8	96.8	96.9		. * ' Y	96.9
≥ 900 ≥ 800 ≥ 700	57.9	90.9	94.1	95.9	97.0		97.5	97,7	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9
≥ 600	58.0	91.3	94.6	96.9	97.7	97.8		98.4	98.4	98.5	~ ~ ~	98.6	98.6	98.6	98.7	98.7
≥ 500 ≥ 400	58.1	91.7	95.1	97.0		98.5	98.9	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	
≥ 300 ≥ 200 ≥ 100	58.1	91.7	95.2	97.2	98.5	98.7		99.4	99.4	99.6	99.6	99.6	99.7	99,7	99.8	99,9
2 0	58.1	91.7	_ 5 7				99.2			99,6		99.7				100.0

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC FORM 0-14-5 (OL A) MEVIOUS EDIT JUST OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALAGAMA/MONTGOMERY

37-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CE	iLING							VISIBIL	ITY (STATU	TE MILES)							
	FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ 1/4	≥ %	≥ %	≥ 5/10	≥ ¼	≥ 0
	CEILING 20000	37.9 44.1	64.3	66.i	67.1	58.4 67.8	58 , 5 67 , 9		58.8		58,9 68.3		59.0 68.3	59.1 68.4			1 4 7 2
	18900 16000	44.5	64.9	66.7		68.0	68,1		- 1		68,6	68.6	68.6	68.7		68.7	68.8
	14000 12000	45.5	69,4	71,2	72.3	70.0 73.1	70 • 1 73 • 2	73.4	70.4 73.5	70.4		73,7					70.8
<u>:</u> -	9000	48.5	72.4	74.3	74.9 75.5	75.6 76.3	76.4	75.9	76.0 76.7	76.7	76.8	76.9	76.9	77.0			
· `:	8000 7000	49.4	73,6 74.4 75.0	75.6		77.5	77,8	78.8	78,1 78,9	78,9		79.1	79.1	79.2	79.2	79.2	79,3
≥_	6000 5000	50.9	76.0	. ;	79,4	79,1 80.2	79,2 80:3	80.6	79.6 80.7	79.6 80.7	80,8			86.9	79.8	81.0	2010
≥	4500	52.3	78.2	80.4	91.7	80.8 82.5	80.9 82.7 83.9	82,9	81.3		83,2	83.2	83.2	83.3	83,3	83.4	83.4
	3500 3000	54.4		83.7	85.1	85.9	86,0	86,3		84.3 86.4 88.1	86.6		86.6	86.7	84,6	86.7	86.8
≥	2500 2000	26.2	84.7		88.6		89.7	90.0			90.2	90.3	90.3	90.4	90.4	90.4	90,5
≥	1800 1500	57.1	86,5	89.0	96.7	91.6	91.8	92.0		92.2	92.3	92.4	90.8 92.4 94.1	92.5	90.9	92.5	91.1
	900	56.0		91.7	93.5	94.5		95.1	95.8		95.5	95.5	95.5	94.2 95.6 96.1	94.2 95.6 96.1	94.3 95.7 96.2	95.8
; 	800 700	58.4	- "	- ·	94.7	95.8	96.0	96.4	96.6	1	96.8	96,9	96.9	97.0		97.0	97.1
	600 500			93.6		97.0	97.2	97.7		97.9	98.1	98.2	98.2	98.3	98.3	98.4	98.5
	400 306	58.5		94.0	96.2		97.9	98,5	98,7	98.7	99.0	99.1		99.2	99.2	99.3	99.4
	200 100	58.5	90.9		96.3	97.7	98.0	98.7	99.0	99.0	99.3	99.5	99.5	99.0	99.6	99.7	99.8
≥	0	58.5	90,9	94. i	96,3	97.7	98.0	98.7	99.0	99.0	99.3	99.5	99.5		99,7	99.8	3 7 7 7 1

TOTAL NUMBER OF OBSERVATIONS

2564

USAF ETAC WILL 0-14-5 (OLA) privious controls of this form are obsolute

ANTHONIA COMO TRANSPORTOR OFFICE

#### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MONTGOHERY

37-72

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VISIBIL	UTATZ) YTI.	re miles)		·					
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ ?	≥ 11%	≥ 1%	≥ 1	≥ 3%	≥ 1%	≥ '5	≥ 5. 16	≥ %	≥ 0
NO CEILING ≥ 20000	38.9 42.3		68,0	69,7				66.1	66.2	66.5	66.7		66.8			67.1
≥ 18000 ≥ 16000	42.5 42.7	65,6	68.7			71.4	= = * *	72,2 72,5	72.2		72.8 73.1			72,9 73,3	73.0 73.4	73.2
≥ 14000 ≥ 12000	43.3		71.2	71.3 72.9	72.6 74.1	72,8	73.3	73.6 75.1	73.6 75.2	74.0 75.5	74.1	74.2	74.3	74,3 75,9	74.4	74.6
≥ 10000 ≥ 9000	44.8	-		74.3 74.8	75.6 76.1	75.9	76.9	76,7 77,1	76.7	77.1 77.5	77.2	77.7	77.4	77.4 77.8	77.5 78.0	77,7 78,1
≥ 8000 ≥ 7000	45.7 46.1			75.9		77.5 78.5	78.1 79.1	78,3 79,3	78.3 79.4	79,7	78,9 79,9	78.9	79.0	79.0 80.1	79 • 1 80 • 2	79.3 80.3
≥ 6000 ≥ 5300	45.7	74,3	77,4	79.1	80.4	79.4 80.7	81.3	80.3 81.5	80.3	80.7 81.9	80.9 82.1	80.9 82.1	81.0 82.2	81.0 82.3	81 · 1 82 · 4	81,3
≥ 4550 ≥ 4000	47.8	76,2	79.3	81.1	82.4	81.3	81,9	82,1 83,5	82.2	1	84.1	82.7 84.1	82.9 84.3	82.9 84.3	83.0 84.4	83,1 84,5
≥ 3500 ≥ 3000	50.4	79,2	82.4	84.2	85.6	85,9	86,5	84,8 86,8	84,9		87.3	85.4 87.3	85.5	85,5 87,5	85.7 87.6	
≥ 2500 ≥ 2000	52.0	82.4	85.7	87,7	89.1	87.4	90.0		90.3	7.47	90.9	90.9	89.0 91.0	89.0 91.0	89.1 91.2	89,3 91,3
≥ 1800 > 1500	52.4 52.8		87.5	89.5	91.0		_	90,9	91.0		92.8	91.5		91.7	91.8 93.1	93.2
≥ 1000 ≥ 1000	53.3 53.6 53.7	86.4	90.0	92.2	93,8	94.1	94,8	93,8	93.8	95,5	94.4		95,9	94,5	96.0	94.8
≥ 900 ≥ 800	53.9		91.i	92.7		94,6	96.1	96,4	95.7	96,8	96.3 97.0	96.3	96.4	96.4 97.2	96.5	96,7
≥ 700 ≥ 600	54.0 54.0	\$7,9	91,€	94.2	95.9	96.2		96,9 97,4	96.9	97.3	97.5 98.0	97.5 98.1	97.7 98.2	97.7 98.2	97.8	98.5
≥ 500 ≥ 400	54.0 54.0	88.1	92.1	94.6	- 7 7	96.8	97.7	97.8 98.1	97.9 98.1	98.3	98,5 98,8	98.5 98.8	98.7 99.0		98.8 99.1	99,0
≥ 300 ≥ 200	24.0 24.0	88,2	92.2			96.9	97.9		98.3	98.8	99.0	99.0	99.3	99,3	99.3	99.7
≥ .30	54.0				96.7 96.7		98.0				99.2 99.2				99.6	99.8 100.0

TOTAL NUMBER OF OBSERVATIONS\_

2646

USAF ETAC A SE 0-14-5 (OLA) HEVOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

NOV

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							A-21BIF	ITY (STATUT	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥11/2	≥ 1%	≥ 1	≥ ¾	2 %	2.13	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	32.6 35.7	50.5 55,8	53.0 58,5	54.7	56.2 62.0	56.4 62.3	63.0		57,5 63,5	57.9 64.0	58.2 64.2	58,2 64,2	58.4 64.5	58.4 64.5	58.6 64.7	59.0 65.1
≥ 18000 ≥ 16000	35.9 36.2	56,0 56,4	58,8 59,2	61.0	62.3	62.9	63.7	64.1	64.1	64.6	64.9	64,9	65.1	65.1	65.3	65,8
≥ 14000 > 12000	36.7 37.8	59,3	62.1	64.1	65.8	66,1	66.9	67.3	67.4	67.9	68.1	68.1	68.4	68.4	68.6	69,0
≥ 10000 ≥ 9000	38.7 39.0	61,8 62.8	64.7	66.7	67,8 68,6	68,8	68.9	70.1	70.2	70.7 70.7 72.0	70.2 71.0 72.3	71.0	70.5 71.2 72.5	70.5 71.2 72.6	70.0 71.4 72.7	71,9
≥ 8000 ≥ 7000	40.1	64,1 65,2	67.2	69.3	71.2	71.5		72,9	73.0	73.5	73.8	73.8	74.1	74.1	74.2 75.6	74.7
≥ 6000 ≥ 5000 ≥ 4500	41.6	67.0 67.6	70.2	72.4	74.5	74.8	75.7	76.2	76.3 77.1	76.8	77.9	77.1	77.4	77.4	77.6	78.0 78.8
≥ 4000 ≥ 3500	42.7	69,1 70,4	72.5	74.8	76,9	77.2	79.7	78,7	78.8	79.4	79,7	79.7	79,9	79,9	80.1	80.6
≥ 3000	44.2	72.0	75,6	79.9	52 - 1	80.5	83.6	84,1	84.2	82.7	85.1	83.0	85.4	83,3	83.5	86,0
≥ 2000 ≥ 1800 ≥ 1500	46.4 46.7 47.2	76,2 76,9 78.3	80.1 80.8 82.3	82.0 83.4 85.0	85.7 87.4	85+3 86+1 87+8	86,4 87.2 89.0	87,0 87,5 89.6	87.1 87.8 89.7	88.5 90.3	88,8 90.6	88.8 90.6	89.1	89,1 90.9	88.5	88,9 89,8 91,6
≥ 1200 ≥ 1000	47.0	79.6	83.6	86,6	-	89,5	92.1	91.4	91,4	92.1 93.5	92.4	92.4	92.7	92.7	92,9	93.4
≥ 900 ≥ 800	47.8	80.9 81.3	85.8	88.2 88.9	90.9	91,3	92.7	93,3 94,0	93.3	94.1	94.4 95.2	94.4	94.7	94.7	94.9	95,4
≥ 700 ≥ 600	48.0	81.7 81.8	86.6	89.4 89.8	92.2	92.7	94.1	94.8	94.8	95.6	95.9	95.9	96.9	96.3		96.9
≥ 500 ≥ 400	48.0	82+0 82+1	86.9	90.1	93.1	93.6	95.5	95.9	96.4	97,3	97.2	97.2	97.6 98.0	98.0	98.2	
≥ 300 ≥ 200	48.0 48.0	82,1 82,1	86.9	90.3	93.4	94.0	95,7	96,4 96,5 96,5		97,7	97,9 98,1 98,1	97.9 98.1 98.2	94.5	98.6	98 . 8	99.4
≥ 100	48.0	, - , -	86.9	90.3	1 27 7 1	94.0	1 - 2 -				98.2	98.2		98,8		100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE COSOLETE

\_\_\_\_

#### **CEILING VERSUS VISIBILITY**

MAXWELL ALB ALABAMA/MUNTGOMERY
STATION NAME

37-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI\$1BI	LITY (STATU	TE MILFS)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 7	≥11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	24.6	4111	43.3		45.8		46.6 52.6			47.2	47.4 53.6	47.4	47.6		47.8 54.0	48.2
≥ 18000 ≥ 1	27.6	40,4	49.0	30.6 51.0	52.0 52.4	52 • 1 52 • 5	52.8	53,2 53,6	53.2 53.6	53,6 54,1	53.8 54.3	53.9	54.0	54.1	54.3	54.6 55.1
≥ 140 ≥ 1200	29.1	47,7	50.4 52.6	52.1 54.4	53,5	53.7 56.0	54.4 56.8	54.7	54.8 57.2	55,2 57,6	55.4	55.4 57.9	55.6	55,6 58,1	55.8 58.3	56,2 58,6
≥ 10000 ≥ 9000	30.0	51.4 52.0	54.3 55.0	35,2 56,9	57.7 58.4	57,8 58,6	58,7 59,4	59.0 59.7	59.1 59.8	59,5 60.2	59.7	59,7	59.9	59,9	60.9	60,5
≥ 8000 ≥ 7000	30.8	54,7	57.9	58,4 59,9	59.9	61.7	62.6	63.0	61.4	61.8	62.1	62.1	62.3	62,3	64.1	62,9
≥ 6000 ≥ 5000	32.2	57,8	61.3	63,5	65.2	63.3	64.2	66.8	64.7	65.2	67.6	65.4	67.8	65.6	65.8	66.2
≥ 4500 ≥ 4000	34.1	58,6 60,1	62.1	64,4	66.2	66,4	67.4	67,8	67.9	68.4	68,6 70.6	70.6	68.9	68.9	69.1	69,5
≥ 3500 ≥ 3000	34.6	61,2 63,1	67.1	67,5 69,8	71.8	72.1	70.7	71,2 73,7	71.3	71.5	72.0 74.5	72.0	72.2	72.3	72.5	72.9
≥ 2500 ≥ 2000	36.3	67,6	71.9	72.1	74.3	74,5	75.7	76,2	76.2 79.3	76.8	77.1 80.2	77.1 80.2	77.3	77.3	77.5	77.9
≥ 1800 ≥ 1500	37.7	70,4	72.9	78.3	78.3	78,6	79.9 82.6	80,4	83.2	81.0 83.8	81.3	81.3	81.6	81,6	81.8	82,2
≥ 1200 ≥ 1000	39.1	72.1	78.4	82.2	85,2	85,5	87.1	85,6 87,7	87.8	86,3	86.6 88.8	86.6	86.9	86,9	87.1	87,5
≥ 900 ≥ 800	39.6	74.5	79.9	83,9	87,1	86,4	89.3	90,0	90.0	89,5 90,8	89.8 91.1	89.8 91.1	90·1 91·4	90+1	90.3	90.7
≥ 700 ≥ 600	39.9	75.5	81.2	85.3	88,9	89.4	90.4	91,1	92.4	92.0	92.4	92.4	92.6 93.9	92,7	92.9	93,3 94,6
≥ 500 ≥ 400	40.0	75.9	81.9	86.4	90.3	90.4	93,4	93,6	93.6	94.6	95.1	95.1 96.2	95.4	95,4 96,6	95.6	96,1
≥ 300 ≥ 200	40.0 40.0	76.0 76.0		86.5	90.5	91.3	94.0	94,9	95.0	96.3	96.9	96.9	97.3 97.8	97,3 97,9	97.6 98.3	98.1 98.8
≥ 100	40.0	76.0		86,5	90.6	91.3	94.0	95.2 95.2	95.3 95.3	96,8 96,8	97.5 97.5	97.6	98.1 98.2	98 • 2 98 • 2		99.3

TOTAL NUMBER OF OBSERVATIONS\_\_\_

USAF ETAC  $^{109M}_{\rm AUG}$  0-14-5 (OLA) servious editions of this form are obsolete

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-72

\_JAN\_

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0000=0200

CEILING							VISIBIL	UTAT2) YTI.	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥4	≥ 3	≥ 21/2	≥ 2	≥1%	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	20.9	41.2			46.6	46,7	<u> </u>	47.3	47.4		47.6 52.0	47.6			47.8	48.2
≥ 18000 ≥ 16000	22.8	45,0	48,1	50.2	51.3 51.5	51.6	51.9 52.2	52.1 52.3	52.1 52.4	52.3 52.6	52.3	52.3 52.6	52.5 52.8	52.5	52.5	53.0 53.3
≥ 14000 ≥ 12000	23.3	40,4	51.3	51%4 53.3	52.7 54.7	52,6 54,8	53.4 55.4	53,5 55,6	53,6 55,6	53,8 55,8	53.8 55.8	53.8 55.8	54.0 56.0	54 0 56 0	54.0 56.0	34,4 56,5
≥ 10000 ≥ 9000	24.5	49,4	52.8	54.7 55.4	56.2 56.9	56,9			57.1 57.8	57.3 58.0	57.4 58.0	57.4 58.0	57.5 58.2	57,5 58,2	57.6 58.2	58.0 58.7
≥ 8000 ≥ 7000	25.6	51.0 52.4	50.4	58.3	58.1 59.9	58.2		59,0	59.1 60.9	59.3	59.3	59.3 61.1	59.5 61.3	59.5 61.3	59.5	59.9
≥ 5000 ≥ 5000	27.0	55,6	59.8	61.8	63.6	63.6		62,6	62.7	62.8	64,7	62.9	63.1	64.9	63.1	63,5
≥ 4500 ≥ 4000	27.8	56.2 57.4	61.8	64.0	66,0	66.0		66,9	65.4	67.1	67.1	65.6 67.1	65.8 67.4	67.4	67.4	67.8
≥ 3500 ≥ 3000	28.0 28.7 29.4	59,8	64.4	65,1 66,8	68,8	68.9	69.6	69,9	69,9	70.1	70.1	68.3 70.1	68.6 70.3	70.3	68,6 70,4	70.9
≥ 2500 ≥ 2000	30.4	01.0 64.5	69.4	72.2	74.8	74.9	75.8	76,1	76.1	76,3	76.4	72.8	73.0	73.0 76.6	73.0 76.7	73.5
≥ 1800 ≥ 1500	31.5	67.8 70.9	70.7	76.3	79.1	76,2	80.1	80,4	80.5	80.7	77.7 80.7	77.7 80.7	77.9 80,9	77.9 80.9	78.0 81.0	78.4 81.5
≥ 1200 ≥ 1000	32.3	72.9	79.0	82.6	85.7	82.9	87.0	84.3	87.4	87.7	87.7	87.7	84.8 88.0	88.0	84,9	85.4
≥ 900 ≥ 800	32.4	74,1	80.6	84.4 85.5	87.6	87.8	89.1	87,9	87.9	89,9	89,9	88.3	90.2	90.2	90.3	90.8
≥ 700 ≥ 600	32.5	75.1	82.0	86.2	89.7	89.0	91.6	91:0 92:0	91.0 92.0	92.5	91.4	91.4	91.7 92.8	91.7	91.8	92.3
≥ 500 ≥ 400	32.6	75.9	83.2	87.8 88.2	91.5	91+0 91+7 92+4	93.6	93.2 94.1	94.2	93,9	94.9	94.9	94.3	94.3	94.4	94.9
≥ 300 ≥ 200	32.6	76.0	83.4	88.4	92.6	92.7	94.6	95.7 95.7	95.8	95.9	96.0 97.0	96.0	96.4 97.5	96.4	96.5	97.1
≥ 100 ≥ 0	7	76.0	83.4				95.0	95 • 7 95 • 7	95.8 95.8	96.8 96.8	97.2	97.2	97.8	97.8	98 • 3 98 • 4	98.9

TOTAL NUMBER OF OBSERVATIONS\_

3213

USAF ETAC 101.64 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE CONSOLETE

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

JAN

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300=0500

CEIL IG							VISI8IL	ITY (STATU	TE MILES)							
,	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/2	≥ 1%	≥ 1	≥ ¾	≥ 1/4	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NC LING ≥ 20000	17.9 19.1	36,5 39,2	38.8 41.9	40.8	42.3	42.3	. 7 -	43.1	43.1	43.3	43.3			43.5	43.7	44.2
≥ 18000 ≥ 16000	19.4	39,4	42.2	44,3	45.8	45.9	46.6	46.9	46.9	47.1	47.1	47.1	47.3	47.3	47.6	48.0
≥ 14000 ≥ 12000	20.1	40.6	44,5	47.0	47.2	47,2 48,8	47.9	48,2 49,7	48.2	48.4	48.5 50.0	48,5 50.0	48,6 50,2	48,6 50,2	48.9	49,3
≥ 10000 ≥ 9000	21.1 21.3 21.8	43,5 44,2 45.6	40,3 47,2 48,6	49.0	50.8 51.6	50.9 51.7	52.4	51,9 52,7	51.9 52.7	52.1 52.9	52.1 53.0	52.1 53.0	52.4 53.2	52.4 53.2	52.6 53.4	53.1 53.9
≥ 8000 ≥ 7000	22.3	46,8	48.0 49.9	52,6	54.4	53.2 54.5	55.4	54,2 55,7	54.3 55.7	55.9	56.0	56.0	54.7 56.2	54,7 56,2	55.0 56.5	55.5
≥ 6000 ≥ 5000	23.7	50,2	53.6	54.2 56.5	56.0 58.5	56.1 58.6 59.3		57,4	57,4	60.1	60.2	57.7	57.9	57,9	58.2	61.1
≥ 4500 ≥ 4000	24.7	52.2 53.6	55.7	58.6	60.7	60,8	61.8	62.2	62.3	62,5	62,6	62.6	62.8	62,8	63.1	63.5
≥ 3500 ≥ 3000 ≥ 2500	25.4	55,0 57,1	58.6	61.8	64.2	64,3	65.4	65,9	65.9	66.1	66,2	66.2	66.5	66.5	66.7	67.2
≥ 2000	27.3	60,3	64,5	68,0	70.6	70.7	72.1	72,6	72.6	72.8	72.9	72.9	73.2	73.2	73.5	74.0
≥ 1500	28.6		68.7	72.5	75.2	75.4	76.9	77.3	77.4	77.6	77.7	77.7	78, i 81.6	78,1 81,7	78.4	78,9
≥ 1000	29.2	67,7	73.0	77.3	80.5	80,6	82,4	84.0	83.0	83.3	83.4	83,4	83.8	83.9	84.2	84.7
≥ 800 ≥ 700	29.4	70.0	74.6	79.2	82.7	84.6	85,1	85,6	85.6	86.0	86.1	86.1	86.5	86.6	86.8	87.4
≥ 600	29.6	70.6	76.9	82.1 82.8	86.9	86,2 57,1	88,6	89,2 90,2	90.3	90.7	91.0	89.8 91.0	90.4	90.5	90.7	91.3
≥ 400 ≥ 300	29.6	71.3	77.9	83.5	87.8	88,2	91.8	91.4	91.5	92.0	92.3	92.3	94.2	92,9	93.2	93,9
≥ 200	29.6	71.6	78.5	84.4	88,9	89,4	92.2	93.1	93.2	94.5	94.6	94.7	95.3	95,4	95.9	96.7
≥ 0	29.6	71,6	78.5	84.4	88,9	89,4	92.3	93,3	93.4	94,5	95.2	95.3	96.3			100.0

TOTAL NUMBER OF OBSERVATIONS\_

3226

USAF ETAC 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600=0800

(500.00							VISIBIL	ITY (STATU	TE MILES							
(FEET)	≥ 10	≥ 6	≥ <	≥ 4	≥ 3	≥ 21/2	≥ ?	≥ 11/2	≥1%	≥ 1	≥ 3,4	≥ %	≥ ⅓	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	14.1	25.8 29.3	28.1 32.3	30.2 34.7	31.8 36.6	32·1 37·0			34.0 39.3	40.0	34.8 40.2	34.8 40.2	40.5	35,0	40.8	35.7 41.3
≥ 18000 ≥ 4000	15.6	29.7	22.4 32.8	35.2	36.7 37.0	37.5			39.4	40.6	40.7	40.8	41.1	40.7	41.4	41.9
> 14000 ≥ 12000	16.8	30,5	33.0	38,5	40.8	41.3	42.5	43,6	43.7	44.6	44.9	44.9	42.2	42 • 2 45 • 2 47 • 3	42.6	43.1 46.1
≥ 10000 ≥ 9000	17.4	34.4 35.2 36.6	38.0	41.6	42.8 43.7 45.6	44.2	45.4	45,0	45.6	40,0 47,6	47.8	47,9	47.2 48.2 50.3	48.2	48.6	49.1
≥ 8000 ≥ 7000	19.1	37.9	42.0	44.9	47.2	47.7	49.2	50.3	50.4	51.5	51.8 53.8	51.8	52.1 54.2	52.2	52.5	55.1
≥ 6000	20.6		45.6	48.9	51.5	52.0	53.8	54.9	55.1 55.7	56.3 56.9	56.6	56,6	57.0 57.6	57.0 57.6	57.3 58.0	57.9
≥ 4500 ≥ 4000 ≥ 3500	21.4	43.1	47.6	51.0 52.8	53.6 55.5	54 .2	56,0	57.2	57.3	58,6	58,9	58.9	59.3	59,4	59.7	62.3
≥ 3000	22.5		51.0	54,6	57.5	58.1	1 7 7 7	61.3	64.3	62,8	66.0	63.1	63.5	63,6	66.9	67,4
> 7000 ≥ 1800	24.7	50,9	57.2	61.2	64.5	65.2		68,7	68.9	70.4	70.7	70.7	70.1	70.1	70.5	71.1 72.1 75.7
≥ 1500	26.0	56,5	62.7	67.0	_	71.6	1	75,4	72.3 75.6 78.9	73.9 77.2 80.7	74.2 77.7 81.1	77.7	74.7	74.7 78.2 81.7	75.1 78.5 82.0	79.1
≥ 1000 ≥ 900 ≥ 800	27.2	58,5 59,2 60.5	65.9	70.7 72.9	73.8 75.0 77.3	75.8	78.7			82.1	82,6	82.6 85.5	83.1	83.2	83.5	84,2 87,1
≥ 700 ≥ 600	27.5	61.0 61.6	68.3	73.9	78.5	79,5	83.1	84.6	84.8	86.7	87.3 88.8	87.3	87.9	87,9 89,4	89.8	88,9 90,4
≥ 500 ≥ 400	27.5	61.9 62.2	69.6	75.5	81.3	81.7	85.6	88,3	87.5 88.4	90.8		90.4	92.3	92.3	91.5	92.2
≥ 300 ≥ 700	27.5	62,2 62,2	70.0	76,4	81.6	83.0		89,4	89,5	92.6	93.8	92.8	93.5	93.6	95.6	95.2
≥ 100 ≥ 0	27.5		70.0	1 4		83.0		89,5	89.7	92.5		94.3			96.3	98 • 0 100 • 0

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC 10 4 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0900=1100

CEILING							VISIBII	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	20.5	31.1	32.9	34,2 41.7	35.3 43.1	35.5	35.8 43.8	36,0 44.1	36.0	36.3	36.3	36.3	36.3	36.3	36.3 44.6	36.4
≥ 18000 ≥ 16000	24.7	37,8 38,3	40.0	41.8	43.2	43,5	43.9	44,3	44.3	44.7	44.7	44.7	44.8	44,8	44.8	44.8
≥ 14000 ≥ 12000	25.4	39,3 41,2	41.5	43.5	44.9	45,2	45.6	46,0 48,4	46.0	46.5	49.0	46.6	40.6 49.0	46.6	46.6	46.7
≥ 10000 ≥ 9000	26.9	43.0	45,1	47.2 47.8	48.9	49.2	50.4	50,1 50,8	50.2 50.8	50.6 51.3	50.7	50.7	50.7	50,7 51,4	50.8	50.9
≥ 8000 ≥ 7000	28.2	46.0	47.4	51.5	51.4 53.4	51.8	54.4	52.7 54.9	52.7 55.0	53.2 55.4	53.3 55.6	53.3 55.6	53.3	53.3	53.4	53.4
≥ 6000 ≥ 5000	30.8	47,5	50.9 52.7	53.2 55.0	57.2	55 • 7 57 • 7	56.3 58.4	56,9 58,9	56.9 59.0	57.4 59.6	57.5 59.7	57.5 59.7	57.6 59.8	57.6 59.8	57.7	57,7
≥ 4500 ≥ 4000	31.1 31.7 31.8	50.7	54.6	57,1	59.4	59.9	60.8	61.3	59.8	62.0	60.5	62.2	60.6	62,3	62.4	60.7
≥ 3500 ≥ 3000	32.9	51,3 53,2	57.3	0,00	62.6	63.1	64.0	64.5	64.7	65,3	65,5	63.1	63.2	63,2	63.2	63,3
≥ 2500 ≥ 2000	36.1	55,4 58,6	63.1	65,9	68,8	69,4	70.3	71.0	71.1	71.8	72.0	72.0	68.1 72.1	68,1 72,1	68,2 72.1	68,3 72,3
≥ 1800 ≥ 1500	37.6	62.6	67.3	70.3	73.5	74.1	75.1	72,3	72.4	73.1	73.3 76.8	73.3	73.4	73,4	73.5	73.6
≥ 1200 ≥ 1000	39,8	69,1 69,8	74.3	77.9	81.5	82+1	83,2	84.1	84.2	85.2	85.5	85.5	81,6	81,6	81.7	81.8
≥ 900 ≥ 800	40.1	70.5	76.1 76.8	79,9	84.0	84,7	86.1	87,1 88.6	87.2	88,4	88,7	88.7	88.8	88,9	89.0	87,2
≥ 700 ≥ 600	40.5	71.7	77,7	81.7	86,3	87.2	88.8	90,1	90.2	90.0	92.1	90.4	92.3	92.3	92.5	92.6
≥ 500 ≥ 400 ≥ 300	40.5	72.1	78.3 78.3	82.7	87.8	88,9	91.1	91,6 92,8 93,7	93.1	93.6 95.2	94.0 95.6	94.0	94.2	95.9	96.0	96,2
≥ 300 ≥ 200 ≥ 100	40.5	72.1	78.3	82.7	87.9	89.2	91.8	93.9	94.3	97.0	97.3 98.0	98.1	97.5	98,6	98.9	98.0
2 0	40.5	72,1	78.3	82.7	87.9	89.2	91.8	93,9	94.3	97.0	98.2	98.2	98.6 98.7	98.8	99.2	79.6

TOTAL NUMBER OF OBSERVATIONS\_

3238

USAF ETAC 101 54 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VISIBIL	UTATZ) YTI.	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	30·1 37·0	37,1 46,8	37.9	38,2 48,5	35.5 48.9	38.6 48.9	49.0		38.7	38,7 49,1	38.7 49.1	38.7	38.7 49.1	38,7	38.7 49.1	49.1
≥ 18000 ≥ 16000	37.1 37.4	47.1	47.9	48,7	49.1	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49,3	49.3	49.3
≥ 14000 ≥ 12000	38.3	49.0 51.0	49,8 51,9	50.6	51.0 53.2	51,1	53.4	51,2 53,5	51.2 53.5	51.2	51.2 53.5	51.2 53.5	51.2 53.5	51,2	51,2	51,2 53,5
≥ 10000 ≥ 9000	40.6	52,8	54,6		55.9	55,2 55,9	56.0	55,4 56,1	55.4 56.1	55.4	55,4 56,1	55.4 56.1	55.4 56.1	55,4 56,1	55.4 56.1	55,4
≥ 8,000 ≥ 7000	41.7 42.9	55,1	50,3 58,1	57.1 59.0	57.6	57,7	57.8 59.7	57,8	57.8 59.7	57,8	57.8 59.7	57.8	57,8	57,8	57.8	57.8
≥ 6000 ≥ 5000	45.4	58,3 60,4	62.1	63.2	64.0	64.0	64.1	61.6 64.2	64,2 65,5	64,2	64.2	64.2	64,2	64,2	64.2	64.2
≥ 4500 ≥ 4000	47.3	64.9	65.3	66.4	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5 69.1	67,5	67,5 67,5	67.0 69.1	65.5 67.6
≥ 3500 ≥ 3000	50.4	67,9	69,8	71.1	72.0	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72,4	72.4	76.2
≥ 2500 ≥ 2000 ≥ 1800	54.7	74.6	76.9 78.2	78.4	79.3	79.5	79.8	79.9	79.9	79.9	79.9	79.9	79,9	79,9	79.9	79.9
≥ 1500	56.2	78.0	80.5	82.3	83,4	83.6	83.9	84.1	84.1	84.1	87.9	84.1	84.1	84.1	84.1	84,1
≥ 1000	58.0 58.2	82,3	85,3	87,5	90.3	90.6		90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 800	58.4	83,6	87.0 87.5	90.4	91.3	91.8	92.5	92,9	92.9	93.0	93.3	93.3	93.3	93.3	93.4	93,4
≥ 600	58.4	84,1	87.8	90.7	92.9	93.5	94.4	94,8	94.9		95.4	95.4		95.4	95.5	95.5
≥ 400	58.5	84,4	T	91.4	94.3	95.1	96.4		97,4	98.4	98.8	98.8		98.9	98.9	98.9
≥ 100	58.5			91.6						99.0			99.8	99,9	99.9	100.0
≥ 0	58.5	84,5	88,3	91.6	94.5	95.3	196.6	97,5	97.7	77.0	99.7	99.7	99.8	99,9	99,9	100 • 0

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC  $_{\rm RR.54}^{\rm FORM} = 0.14.5\,({\rm OL.A})$  previous editions of this form are cascilete

### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VISIBI	LITY (STATL	JTE MILES)		•					
(FEET)	≥ 10	≥ 6	≥ 5	≧: 4	≥ 3	≥ 2%	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	34.3			42.2 52.7	42.2	42.2		42,4 53.1	42.5 53.2			42.6	42.6 53.2	- # <b>-</b> 1	42.6	42.6 53.2
≥ 18000 ≥ 16000	42.4	52,0 52,6		53,2 53,8	53.4 54.0	54.0	53.6				53,7	53.7	53.7	53.7	53.7	53.7 54.4
≥ 14000 ≥ 12000	43.9	54 + 1 56 - 1	54.9 57.0	55.4 57.5	55.6 57.7	55.6	55.7	55,8	55.8 57.9	55.9 58.0	55.9 58.0	55.9 58.0	55.9	55.9	55.9 58.0	55.9
≥ 10000 ≥ 9000	46.1	57,9 58,5	58.7 59.4	59.2 60.0	59.5	59.5	59.7 60.4	59.7	59.8	59.9	59.9	59.9	59.9 60.6	59,9	59.9	59.9 60.6
≥ 8000 ≥ 7000	48.0	63,0	61.7	62.3	62.5	62,6		62.9	62.9	63.0	63.0	63.1	63.1	63,1	63.1	63.1
≥ 6000 ≥ 5000	50.2 51.8	64,5	65.5	66,3	66.6	66.7	67.0	67.0	67.1 70.4	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 4500 ≥ 4000	52.7	70.2	71.5	70.6 72.4	71.0	71·1 73·1	71.5	71.6	71.6 73.6	71.7	71.8	71.8	71.8	71.8	71.8 73.8	71.8
≥ 3500 ≥ 3000	55.9	74,4	73.3	74.2	74.7	74,9 77,7	75.3	75,4 78,2	75.5 78.3	75.6 78.4	75,6	75.7	75.7	75.7	75.7	75.7
≥ 2500 ≥ 2000	56,9	76.2	77.8 80.5	79.0	79.7 83.0	79.9	80.4	80.5	83.9	80.7	80.8	80.8	80.8	80.8	80.8	80.8 84.2
≥ 1800 ≥ 1500	58.0	81,5	83,4	83.0	86.2	84.2	87.1	84,9	87.3	85.0	85.2	85.2	85.2	85,2	85.2	85.2 87.5
≥ 1200 ≥ 1000	59.3	82.9 84.1	86,6	86,8	90.1	90.5	91.3	89,2 91,5	89.3 91.6	89.5 91.7	89.6	91.9	89.6	89.6	89.6	89.6 91.9
≥ 900 ≥ 800	59.3 59.4	84.3 §4.9	86.8 87.6	88,8	90.5	92.3	93.3	92,1	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6
≥ 700 ≥ 600	59.5	85.5	88,2	90.7	92.7	94.0	95.2	95,6	94.9	95.1	95.5	95.5	95.6	95.6	95.6	95.6
≥ 500 ≥ 400	39.6	85,8	89.0	91.6	93.9	94.6 95.1	96.0	96.5	96.7	97.2	97.7	97.7	97.8	97.9	97.9	97.9
≥ 300 ≥ 200		86.0	89.2	91.9	94.4	95.2	96.8	97,6 97,7	97.8	98.8	99,4	99.4	99.6	99,6	99.7	99.7
≥ 100 ≥ 0		86.0 86.0		91.9			96.8	97.7 97.7	97.9 97.9	98.9		99.5	99.8	99.81	00.01	00.0

TOTAL NUMBER OF OBSERVATIONS\_

3236

USAF ETAC 100 0-34-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

(

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.9 31.8	45,9 52,0		49.1	49.8 56.6	49.8 56.7	50.0 56.9	50.1 57.0	50.1 57.0	50.4 57.3	57.3	57.3	50.4 57.4	50.4	50.4 57.4	50.4 57.4
≥ 18000 ≥ 16000	32.0 32.4	52,5 53,0	55.0 55.6	56,3 56,9	57.1 57.7	57.1 57.7	57.3 57.9	57,5 58,1	57.5 58.1	57,7 58,3	57,7	57.7 58.3	57.8 58.4	57,6 58,4	57.8 58.4	57,8 58,4
≥ 14000 ≥ 12000	32.7 33.3	53,9 55,5	56.5 58.2	57,8 59,5	58.6	58.6	58.9	59,0	59.0 60.8	59.2	59,2	59.2	59.3 61.1	59,3	59.3	59.3
≥ 10000 ≥ 9000	34.5	58,0		62.2	63.0	63.0	63.3	63,4	63.4	63,2	63,7	63.7	63.8	63,3	63.8	63.3
≥ 8000 ≥ 7000	35.3	61.3	64.3	65.9	66.7	66,8	67.1	67,2	67.2	67.5	67.5	67,5	67.6	67.6	67.6	67,6
≥ 6000 ≥ 5000	37.4 38.3 38.5	63,3 65,8	69.2 70.2	71.0	72.0	72.1	72.5	69.5 72.6	72.6	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 4500 ≥ 4000	39.2	58,3	71.9	73.9	75.0	73.2 75.1 76.8	75.4	75,6	73.7	75.9	74.0	75,9	76.0	76.0	76.0	76.0
≥ 3500 ≥ 3000	40.5	71.2	75.0 77.0	77.2	78.5	78.6	79.0	79,3	79.3	79.6	79.7	79.7	79.8	79.8	79.8	79.8
≥ 2500 ≥ 2000	42.1	75,6	79.9	82.8	84.3	84.4	84.8	85.3	85,3	85.6	85,6	85.6	85.7	85.7	85.7	85.7
≥ 1800 ≥ 1500 ≥ 1200	42.6	77.6	82.3	87.2	88.9	87.2	87.6	90,2	88.0	90.5	88.4 90.6	88,4	88.5	90.7	88.5	88,5
≥ 1000	42.9	80.3	85.2	88.6	90.4	90.8	91.5	92.0	92.0	92.4	92.4	92.4	92.6	92.6	92.6	92.6
≥ 700	43.0	80.8 81.1	86.2	89,9	91.9	92.9	93.0	93,7	93.7	94.3	94.2	94.2	94.3	94.3	94.4	94.4
≥ x00 ≥ x00	43.1	81,4 81,7	87.2	91.0 91.5	93.1	93.6	94.5	95,4	95.4	95.8	95.9	95.9	90.1	96.2	96.2	96.2
≥ 400	43.2	81,8	87.7	91.7	94.4	94.9	96.1	97,1	97.1	97,8	98.7	98.7	98.2	98.3	98.3	98.3 99,1
≥ 100	43.2	81.8	87.7	91.8	94.7	95.3			97.9			99.1		99.4	99.6	99.6
≥ 0	43.2	51,8	87.7	91.8	94.7		196.8	97.9	97.9	98,8	99.1	99.1	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC 10164 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **CEILING VERSUS VISIBILITY**

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISIBIL	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	25.4 26.9		53.3	50,5 55,1	51.5 56.1	51.5 56.1	51.8		51.8 56.6		52.0 56.8	52.0 56.8	52.1 56.8	52.1 56.8	52.2 56.9	52,4 57,2
≥ 18000 ≥ 16000	27.1	50,5 50,7	53.8	55,4 55,6		56.3 56.6		56,9 57,1	56.9 57.1	57.0 57.2		57.0 57.3	57.1 57.3	57.1 57.3	57.2 57.5	57.4 57.7
≥ 14000 ≥ 12000	27.8	53,5		58,6	59.5	58.0	60.0	60.1	58.6	60.2	58.7	58.7	58.8	58.8	58.9	59.1 60.7
≥ 10000 ≥ 9000	29.1	55,4		60.6		61.6			62.2		62,4	62.4	62.5	62,5	62.7	62,9
≥ 8000 ≥ 7000	30.4	57.0 58.5	62,1	64,2	65.3	65.3	65,8	65.9	65.9	66,0	66.1	66.1	66.2		66.3	64,7
≥ 6000 ≥ 5000	31.5 32.4 32.6	62,1	65.9	68,3		67.2	70.0	70,1	70.1	70.2 71.2	70.3	70.3	70.4	70,4	70.6	70.8
≥ 4500 ≥ 4000	33.3	- ' -		71.3	72.6	72.6	1 - Z - Z - Z	73,3 74.5	73.3	73.4	73.5	73.5	73.6	73.6	73.8	74.0
≥ 3500 ≥ 3000	34.3	1 <del> 1</del> 1		74.4	75.8	75.8		76,7 79.0	76.7	76.8	76.9	76.9	77.1	77.1	77.3	77.5
≥ 2500 ≥ 2000	35.8	71.3	76.2	79,3	80.9	80.9	81.8	82.1	82.1	82.4	82.4	82.4	82.6	82.7	82.8	83.0
≥ 1800 ≥ 1500 ≥ 1200	36.6	. · · · E	79.3	82.5	84.3	84.3	85.3	85,7	85.7	86.0	86.1	86.1	86,3	86.3	86.5	86,7
≥ 1000	37.2	77,7	83.5	87.1	89.1	89.2	90.3	90,7	90.7	91.2	91.3	91.3	91.5	91.5	91.7	91.9
≥ 700 ≥ 800 ≥ 700	37.3	78,5	84.6	88.2	90.4	90.6	-	92,3	92.3	92.9	93.0	93.0	93,2	93.2	93.4	93.6
≥ 500	37.3	79,6	86.0	90.3	92.2	92.6		94,6	94.6	95.2	95.9	95.3	95.6	95.6	95.8	96.6
≥ 300	37.4	79.8	86.4	90.5	93.i	93.5		95,9	95,9	96.6	96.7	96.7	97.6	97,1	97.3	97,5
≥ 100	37.4	80+0 80+0				94,1	96.2		97.1	97.9	98.1	98.1	98.5	98,6	98,9	99.1
≥ 0	37.4	80,0	86.6			94.1	96.3		97.1	98.0		98.3	98.8			100.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

3221

USAFETAC NULS4 0-14 5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-72

FEB

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0000=0200

CEILING	! 						VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/3	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
r.O CEILING ≥ 20000	22.3	44.5	47.0 50.7	48.7 52.8	49.5 53.6					ام نو ا	50.5 54.8	50.5 54.8		50.6	50.7 55.1	50.8 55.1
≥ 18000 ≥ ,0000	24.6	49,2	51.5 52.1	53.6 54.2	54.5 55.0	54.5 55.0		55,4 56,0	55.4	55.6 56.2	55.6	55.6 56.2	55.7 56.2	55.7 56.2	55.9	56.0 56.5
≥ 14000 ≥ 12000	24.8	52.3	55.4	55.6	56.5 58.6	58.6	59.5	57,5 59,6	57.5	57.7 59.8	57.7	57.7 59.8	57.8 59.9	57.8 59.9	58.0	58.0
≥ 10000 ≥ 9000	26.2 26.6 27.4	54,7	57.8	59.1 60.1	61.0	61.0	61.9	62.0	62.0	61.2 62.2	61.2	61.2	61.3	62.3	61.5	61.5
≥ 8000 ≥ 7000	28.0	56,5 58.0 59.8	61.1	63.6	64.7	64.7	65.7	65,8	65.8	66.0	66.0	66.0	66.1	64,2	64.4	64,5
≥ 6000 ≥ 5000	29.9	61.6	65.0	65.5 67.5	68,8	68.8		67,8	69,8	70.0	70.0	70.0	68.2 70.1	70.1	68.4 70.3	70.4
≥ 4500 ≥ 4000	30.5	64,1	66.1 67.6	70.3	71.7	71.7	70.9	71.0	72.8	71.3	73.1	71.3 73.1	71.4	71.4	71.6	71.6
≥ 3500 ≥ 3000	31.3	67,1	70.8	73.6	75.2	73.3	76.2	74,4	76.3	76,7	76.7	76.7	74.8	74.8	75.1	75.1 77.0
≥ 2500 ≥ 2000	33.0	71.5	75.6	78.7	80.4	80.5	82.8	81,8 82.9	81.8	82,1	82.1	82.1	82.2	78.9 82.2	79.1	79.1 82.5
≥ 1800 ≥ 1500 ≥ 1200	34.2	74.8	79.3	82.7	84.5	84,7	85,8	85,9	85.9	83.3 86.3	86.3 86.3	83.3	86.4	86.4	86.7	83.7
≥ 1000	34.6	78.0	82.9	86.7	88,9	89.0	90.3	90,4	90.4	90.8	90.8	90.8	89.2 90.9	90.9	91.3	89.6 91.3
≥ 700	34.8	79.0	84.2	88.4	90.8	91.0	A 5 7 7	92.6	92.6	93.1	93,1	93.2	93.3	91.8	92.1	92.2
≥ 600	34.9	79.6	84.9	89.5 90.2	92.1	92,4	94.0	94.2	94.2	94.9	94,9	94.9	94.3 95.1 96.5	95.1	95.4	94.7
≥ 400	35.0	80.5	85.9	90.8	93.8	94.2	95.9	96.3 96.8	96.8	97.0	97.2	97.3	97.6	96.5 97.6 98.3	96.8 98.0 98.6	96.9
≥ 100		80.6	86.1	91.0	94.2	94.7	196.6	97.2	97.2	98.0	98.4	98.4	98.8	98.8	99.3	98.7 99.4 99.7
≥ 0		80,6	86. i	91.1	94.2	94,7	96.6	97.3	97.3			98.6			99.61	

TOTAL NUMBER OF OBSERVATIONS.

2938

USAF ETAC 101.54 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING	····						Visibil	ITY (STATU	TE MILES)		· · · · · · · · · · · · · · · · · · ·					]
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 5.	≥ '⁄2	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	17.9 19.2		41.0	45.9		44•3 47•3		45,5	48.6	48.8	48,8	48.8			46.3	46,5
≥ ±8000 ≥ ±6000	19.4	41,6	44.1	46,3	47.6	47.7	48.8	49.8	49.9	50.0	50.1	49.3 50.1	50.4		49,9 50.7	50.0
≤ 14000 ≥ 12000	20.2	43,5	48.0	48,4 50.5	51.9	49.8 52.0		51,2 53,4	51.2 53.5	53,6	53,7	51.4	54.0			54.4
≥ 3000 ≥ 10000	21.9	46,8	49.6 50.3	52.1 52.9 55.0	53.5 54.3 56.4	54.4	54.8 55.5 57.6	55.0 55.8	55.8	56.0	56.0	56.0	56.3	56.3	55.9 56.6	56.0 56.8
≥ 8000 ≥ 7000	23.2	50.9	53.9	56,6	58.0	58.2	59,4		57.9 59.7	59,9	58,1 60.0 62.0	60.0		60.3		
£ 6000 ≥ 5000	24.6	54,5	57.8	60.7		62.5	63,7	64.0		64.2	64.2	64.2	64.6	64.6	64.9	65.0
≥ 4500 ≥ 4000 ≥ 3500	25.4	57.3 58.6	60.9	63.9	65.7	65,9	67.2	67.6	67.6	67.8	67.9	67.9		68.2		68.6
≥ 3000	26.4	60,4	64.2			69.7	71.1	71.4	71.5	71.7	71.8	71.8	~ , • !!	72.1	72.4	72.5
≥ 2000	27.7	64.9	69.3 70.1		75.1	75.3			77.2	77.4	77.5	77.5	77.8	77.8	78.1	78.3
≥ 1500	28.1	70.0	72.5	79.6	78.9	79,2	84.0	84.4		84.7	84.7	81,4	81.8		82.1	82,2
≥ 1000	29.2	71.7	77.3	82.3	84.5	84,8	87.02	87.0	87.6	87.9	88.0	88.0	87.7	88.4	88.8	88,2
≥ 700 ≥ 600	29.5 29.6 29.6	73.7	79.1		57.6 88.9	87.2	90.1	90.7	90.7	91.0	90.0	91.1	91.5	91.6	90.8	90.9
≥ 500 ≥ 400	29.7	74.6	81.2	86,5	90.1	90.6	93.0	93.7	93.7		94.4	94.4	93.1 94.9 96.3		95.3	93.7 95.4 96.9
≥ 370 ≥ 200	29.7	74.9	81.7	87.3	91.3	92.0	94.9	95.6		96.4	96.7	96.7	97.3	97.4	97,8	97.9
≥ 100 ≥ 0	29.8 29.8	75.0	81.8	87.6		92.3	75.3	96 · 1 96 · 1	96.1	96.9	97.5	97.6	98.6	98,8		99.5

TOTAL NUMBER OF OBSERVATIONS

2934

USAF ETAC 101 0 0-14-5 (OLA) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

13821

€

C

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600=0800

CCUING							VI\$1816	IUTATZ) YTI	E MILES)							
CEILING (FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 10000	16.1	30,8 34,4	32.8		36.2 41.0	36.4 41.3		42.6	37.7 42.8	43,7		38.6	38.7 44.1	38.7	38,9	39.2
≥ 18000 ≥ 6707	17.1	34,7 35,2	37.2 37.7	39,4 39,9	41.4 42.0	41.7		43,7	43.8	44.8		44.4 45.0	45.1	45.2	45.4	45.8 47.3
≥ 14000 ⊇ 12000	17.8	37.9	40.7	41.3	43.4	45.8	46,7	47.3 47.3	47.5	48,5	40,4 48,7 50,7	46.4 48.7 50.7	46.9	48,9	49.1	49.6
≥ 0000 ≥ 0000 ≤	19.2	40.1 42.0	42.5 43.1	45,7	48.1	48.4	49.4	50.0 52.6	50.2 52.7	51.2	51.4	51.4	51.6		51.9	55.0
≥ 8000 - 7000	20.6	43.4	46.9	49,7	52.4	52.7	53,8	54.5	57.0	55,8	56.0	56.0	56.1	56.2	56.4 58.9	56,9 59,3
≥ 6000 ≥ 5000 ≥ 4500	22.6	47.0	i a	54.5	-/-	57,3	58.5	59,3	59,4	60.7		60.9		61.8	62.0	61.8
≥ 3500	23.4	48,8	52,8 53.7	56.3	59.4	59,9	62.3	63.2	62.2	64.7	64.9	64.9	65.1	65.1	65,4	65.9
≥ 3000	24.7	51,4	57.5	61.5	62,5	63.0	1	67,7	67.9	66,9 69,3 73,7		67.1	67.3	69.8	70+1 74.6	70.6 75.1
≥ 1800 ≥ 1500	26.5	57,6 59,6		66.5	70.0 72.7	70+5 73+3	71.1 72.3 75.3	1 - 1 - 1	72.2	74.9	75.2	75.2	75.5	75.5	75.9	76.3 79.6
≥ 1200 ≥ 500	28.3	61.9	67.1	72.2	76.1 78.7	76,7	78,7	79.9	80.0		82.0	82+0	4.0		82.7	83.2
≥ 900 ≥ 800	29.1	65.3	70.0	75.4	81.2	80+3 82+0	وتققا	83,8	84.0	88.1	86,2 88,4	86.2	86.5	86,6	89.4	89.8
≥ 700 ≥ 600	29.4	66,5	72.	77.	83.4	83 · 3	87,	87.7	89.1	91.1	91.5	90.2	90.6	90,7	92.5	92.9
≥ 500 ≥ 400	29.5	67.2	73.5	79,	85.3	86,4			71.1 72.1 72.7	94,3	95.0	95.0	95.5	95,6 97,0		96,6
≥ 300 ≥ 200	29.6	67.3		7 80 · 1	85.8		90.	92.8	93.0	95.6	96.6		97.6	97.8	98.4	98,9
≥ 100	29.6		1	80.			. تحال					4	97.8			1

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC ... 0-14-5 (OLA) NEVIOUS EDITIONS OF THIS ICAN ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

13821

<u>MAXWELL AFB ALABAHA/MONTGOMERY</u>

37-41,43-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VISIBIL	UTATZ) YTI	TE MILES)			,				
(FEET)	≥ 10	≥6	≥ 5	≥4	≥ 3	≥ 215	≥ 2	≥ וי	≥ 11%	≥ 1	≥ 3%	≥ 3,	≥%	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	26.9 31.2	36,1 42,8	37.4 44.7	38,5 46,0		39.5 47.4	47.8	48.1	48.2		40.5	40.5	40.5	40,5	40.5	40.5
≥ 18000 ≥ 16000	31.5	43.2	45.6	46.5	47.6	47,9	48.2	48,6	48.7	49.7	49.1	49.2	49.2	49.7	49.2	49.2
≥ 14000 ≥ 12000	32.6 33.8 34.6	45,1 47,0		50.5	51.7	49,9 52.1	52.6	53.0	50.7 53.1	53.5	53,5	53.6	53.6	51.2 53.6	51.3 53.6	53,6
≥ 9000	34.9	49.0	51.5	52.9	54.1	54.5 56.3	54.2 55.0	54.5 55.3	55.4 57.3	55.9	55,9	55.1 56.0	55.1 56.0	56.0	56.0	56.0
≥ 8000 ≥ 7000	36.7	52,2 53.6	54.8	56.4	57.9	58.3	58.8	59.1	59.3	59.7	59.7	59.8	59.9	59.9	59.9	59,9
≥ 6000 ≥ 5000 ≥ 4000	38.2	55,0 55,7	57.9 58.7	59.7	61.3	61,7	62.2	62.6		63.2	63.2	63.2	63.4	63.4	63.4	63,4
≥ 4000	39.5	57,3	60.4	62.2	64.0	64.4	66.6	65,3	67.0	65.9	66,0	66.0	66.1	66.1	66.1	66.1
≥ 3000 ≥ 2500	41.8	61,1	66.9	66,4	70.9	68,6	72.1	69.6 72.5	69,7 72,6	70.2	70.3	70.3	70.4	70.4	70.4	70.4
≥ 2000 ≥ 1800	45.1	67,4 68,4	71.0	73.3	75.4 76.6	76,0	76.9	77,4	77.5	78.0	78.1	78.1	78.2	78.2	78.2	78.2
≥ 1500 ≥ 1200 ≥ 1000	46.7 47.7 48.3	73.9	75.3 78.2 80.4	80.9	83.4	80.8 84.0 86.7	81.8 85.1 87.9	82,2 85,7 88.6	52.4 55.9 88.7	82,9 86,5 89.5	82,9 86,6 89.6	85.0 86.6 89.7	86.7 89.8	83 • 1 86 • 8 89 • 9	86.8	83.1 86.8 89.9
≥ 900 ≥ 800	48.4	76.4	81.1	84.2 85.7	87.0 88.7	87.7 89.4	89.0 90.9	89,6 91.6	89.8 91.8	90.7	90.8	90.9	91.0	91+1 93+1	91.1	91.1 93.2
≥ 700 ≥ 600	48.8 49.0	78.3	82.8	86.4 87.2	89.5 90.8	90.4	93.3	92.7 94.3	92.9 94.4	93.9 95.5	94.0	94.1	94.2	94.3	94.3	94.3
≥ 500 ≥ 400	49.1	78.6 78.7	83.7 83.4	87,8 88,1	92.1	92.7 93.3	94.5	95,6 96,3		96.9 97.9	97.2 98.2	97.3	98,4	97.5 98.5	97.5 98.5	97.5 98.5
≥ 300 ≥ 200	49.1	78.7		88,2 88,2	92.3	93.4	95.4	96.7 96.8				98.8 99.1	99.0	99.2		99.3
≥ 100 ≥ 0	49.1	78,7	83.9	88,2	92.3		95.4		97·0 97·0			99.1 99.1				99.9 100.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_

2936

USAFETAC 2014 G-14-5 (OLA) HEYOUS EDITIONS OF THIS FORM ARE OBSCIETE

#### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VISIBI	UTAT2) YTI.	E MILES)							
(FEET)	≤ 10	≥ 6	≥ 5	≥ 4	<b>&gt;</b> )	≥ 21⁄3	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ''•	≥ 0
NO CEILING ≥ 20000	55.1 41.9	40.4	40.8 49.8		41.3 50.8	41.3	41.4	41,4 50.8	41.4	41.4	41.4	41.4	41.4	· / 3	41.4	1
≥ 18000	42.4 42.8	50.3	50.4 50.9	51.0 51.6	51.3	51.3	51.4	51.4 51.9	51.4	31.4 51.9	51.4	51.4	51.4	51.4	51.4	51.4
≥ 14000 ≥ 12000	43.9	51.9	52.5	53.2 55.0	53.5 55.4	53.5 55.4	53.6 55.5	53,6 55,5	53,6 55,5	53.6 55.5	53.6	53.6 55.5	53,6	53.6 55.5	53.6 55.5	53.6
≥ 10000	46.7	55,5	56.6	56.9 57.3	57.3 57.8	57,3 57,8	57.4 57.8	57.4 57.8	57.4 57.8	57.4 57.8	57.4 57.8	57.4 57.8	57.4 57.8	57.4 57.8	57.4 57.8	57,4 57,8
≥ 8000 ≥ 7000	48.1	57,4	58,2	58.8	59.3	59.3	59.4 61.0	59,4	59.4	59.4	59,4 61,0	59.4	59.4 61.0	59,4	59.4 61.0	59.4
≥ 6000 ≥ 5000	50.0	62,4	63,4	64.2	64.8	64,8	64,9	64,9	03.2	63.2	63,2	63.2	64.9	64,9	63.3	64,9
≥ 4500 > 4000	51.4 53.3	63.2 66.0	67,3	68,1	68.9	68,9	65.9	69,0	69,0	65,9	69.0	69.0	69.2	65,9	69.1	69,1
≥ 3500 > 3000	58,1	72.7	74.2	75.4	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.5	71.8	71.8	76.5
≥ 2500	63.1	80,5	82.2	83.7	84,9	85.0	85,3	85,3	85.3	79.9 85.3	85.3	79.9 85.3	85.3	85.3	و راع	85,3
≥ 1800 ≥ 1500	64.5	17,9	86.2 87.8	87.8	89.1	89.2	89.6	89.8	89.8	87.0 89.8	87.0 89.8	89.8	89.9	89,9	87.0	. ĝ. Q.
≥ 1200	65.3	86.4	89.3	91.2	92.7	93.1	93.6	93,8	93.8	94.0	94.1	94.1	94.1	94.1	94.2	94.2
≥ 900 ≥ 800 ≥ 700	65.5 65.6	87.2	90.5	92.5	94.1	94.5	95.1	95,4	95.4	95.8	95.8	95.8	95.9	95.9	95.9	95,9
≥ 600	65.7	87.9	91.3	93.7	95.5	95,9	96.7	97.2	97.2	97.6	97.7	97.8	97.8	97.8	97.9	97.9
≥ 500 ≥ 400 ≥ 300	65.7	88.2	91.8 91.8	94.3	96.4	96.9	97.9	98,4	98.5	99.2	99,3	99.3	99.4	99,4	99.5	99.5
≥ 100 ≥ 100	65.7	88 , 2	91.8	94.4	96.5	97.0	98.0	98.6	98.7	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 0	65.7	88,2	91.8	- ' ' '1			78.0	98,6	98.7			99.8		99,9	100.0	100.0

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MUNTGOMERY 37-41,43-72

FEB\_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING						•	VISIBII	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ \$	≥ 4	≥ 3	≥ 2½	≥ /	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ 3,	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	37.2 45.1	43.9 53.8	44.2 54,4	44.5 55.0		44.7 55.2	55,3	55.3	44.7 55.3	55,4		55.4	55.4	55.4		55.4
≥ 18000 ≥ 16000	45.8	54.2	54.8 55.3	55,4 55,9	55.6 56.1	55,6 56,1	56.2	56.2		56,3		56,3	56,3		55.8 56.3	55.8 56.3
≥ 14000 ≥ 12000	47.2	59,1	57.2	57.8	58.0	58,0	60.8	60.8					60.8		58.3	58.3
≥ 10000	50.9	61,9	62.7	63.4	63.6		63.8	63.8		63.8	62.8	63.8	63,8			62.8
≥ 8000 ≥ 7000	53.9		66.4	67.3	65.3	67.6	67.8	67,8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 6000 ≥ 5 00	55.2 56.5	67.4 69.4	70.5	71,5	72.0	72.0	1 _ ~ ` `			72.4	69.8 72.4 74.0	72.4	72.4	69,8 72,4 74.0		
≥ 4500 ≥ 4000	59.8	74.1	75.3	73.1 76.5 78.5	73.5 77.0 79.2	77.1	77.4	77.5	77.5	77.5	~ ~		77.6	77.6		
≥ 3500 ≥ 3000	63.2	79.0		81.8	82.4	82.5		82.9	82.9	\$3.0	12.	83,1	83.1	83,1	83.1	83,1
≥ 2500 ≥ 2000	65.6	83.2	84.9	86.9	87.6	87.8	88.2	88.3	88,3	88.5	88,5	88.6	88.6	88.6		89.4
≥ 1800 ≥ 1500	66.6	84.8	86.8		90.1	90.3	90.8	91.0		91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200 ≥ 1000	66.8	86.6	89.0	} -a	92.9	93.1	93.8	94.1	94.1	94.4	94.4	94.5	1	94,5	94.5	94.5
≥ %0 ≥ 800	57.0	l *	89.7	92.6	93.9	94.1	94.9	95.3	95.3	95.7	95.8	_ ~ ~	95.9	95,9	95.9	95.9
≥ 700 ≥ 600 ≥ 500	67.0	87.6	90.5	93.9		95.5	96.3		96,8	97.3	97.4	97.6	97.6	97.6	97.6	97.6
≥ 400	67.0	87,9			95.6	96.2	97.2	1	98.1	98,9	99.3	99.4	99.5	99.5	99.5	99.5
≥ 300 ≥ 200 ≥ 100	67.0	1		94.2	96.0		97.5	98.5		99.4	99.8	99,9	100.0	100 .0	100.0	100.0
2 0	67.0	88 •0	90.9			96,5	97.5	98,5	98.5	99,4	99.8	99.9	100.0	100 • 0	100+0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 1014 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

13821

į (

O

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-72

EEB\_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_1800-2000

CEILING							VISIBIL	LITY (STATU	re Miles)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/1	≥ ?	≥11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1⁄3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	31.5	46,9	48.9 56.1	49.9 57.2	50.4 58.0	50.5 58.0	58.6	50.9 58.7	50.9 58.7	50.9 58.7	50.9 58.7	50.9 58.7	50.9 58.7	50.9 58.7	50.9 58.7	50.9
≥ 18000 ≥ 16000	36.0	54.6	56.4 56.8	58.0	58.3 58.8	58,4	58.9 59.4	59,0	59.1 59.5	59.1 59.5	59,1 59,5	59.1 59.5	59.5	59,5	59.1 59.5	59.1 59.5
≥ 14000 ≥ 12000	36.8	58.1	60.5	61.9	62.6	62.7	63,2		63.4	63,4	63,4	63.4	61.1	61,1	61.1	61.1
≥ 10000 ≥ 9000	38.9 39.6 40.8	60.9 60.9	63.5	64.9	65.7	65,8		66.5	65.5		66.6	66.6		66.6	66.6	66.6
≥ 8000 ≥ 7000	41.8	64,9	67.7	69.2	70.1 72.6	70.2	70.9	71.0 73.5	71.0 73.2	68.7 71.1 73.5	71.1	71.1	71.1 73.6	71.1	71.1	71.1
≥ 6000 ≥ 5000	43.8	69.6 70.5	72.8	74.4	75.5	75.5	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	73,6 76,5	76.6
≥ 4500 ≥ 4000 ≥ 3500	45.6	72.4	75.7	77.5	78.8	78.8	79.6	79.8	79.8	79.9	79,9	79.9	79.9	79,9	79.9	79,9
≥ 3000	46.5	75,8	79.4	81.4	83.0	83.1	84.0	84.3	84.3	84.4	84.4	84.4	86.9	84.4	84.4	84.4
≥ 2000 ≥ 18C0	47.8	79+3	83.0	85,7	87.7	68.6		89 · 1	90.0	90.1	90.1	90.2	90.2	89.3	90.2	90.2
≥ 1500	48.4	81.1	84,9	87.8	91.3	90+0	91.2	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 1000	48.9	82.7	86.8	90.0	92.7	92.4	93.8	94.5	94.1	94,8	94.3	94.8	94.4	94.4	94.4	94.4
≥ 800	49.0	83.6	87.8	91.4	93.4	93,5	95.0	95,8	95.4	95.6	95.6	96.2	95.7	95.7	95.7	95.7
≥ 500	49.0	84.2	88.7	91.7	94.3	95.4	97.2	96,5	96.5	96.8	96.9	96.9	96.9	96,9	96.9	97.0
≥ 400	49.0	84.4	88,8	92.0	95.3	95,7	97.7	98.1 98.2	98.2	98.8	99.0	99.4	99.5	99.2	99.5	99.2
≥ 200 ≥ 100 > 0	49.0	24.4	88.8 88.8	1 42 7	95.4	95,7	97.7	98 2	98.3				99.8	99.7		
≥ 0	47.0	0717	50.0	72.0	95.4	95,7	97.7	98.2	98.3	99.1	99.5	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_ 29:

USAF ETAC JULIA 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLE

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		·					ViSIBIL	ITY (STATUI	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ ?	≥ 11/2	≥1%	≥ 1	≥ ¾	د اه	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	27.4			50.3 58.5		54.2 59.6	54.4		54.6 59.9		54.7 60.0	54.7		54.7	54.7	
≥ 18900 ≥ 16000	30.5 30.8	54,8 55,5	57.6 58.2	59.0 59.7	60.1	60.1 60.8	60.3	61.0	61.1	60.5 61.1	60,6	60.6	60.6	60,6	61.2	60,6
≥ 14000 ≥ 17'00	31.0 31.7	56,4 57,8	59.4 60.9	62.4	63.5	62.1		62.3	63.9	63.9	64.0	64.0	62.5	62,5	64.0	62.5
≥ 9000	32.4	60.1	63,3	64,9	66.0	66.0	66,3	65,3	66,4	66,5	66.5	66,5	66.5	66,5	66.5	66,5
≥ 8000 ≥ 7000	34.5	62.1			69.9	68,3	70.2	70.2	70.3	70.5	70.5	70.5	70.5	70.5	68.8 70.5	70.5
≥ 6000 ≥ 5000	35.5 36.0	67,3	70.8	72.9	74.3	71.4	72.2	72.2 74.8	72.3	72.4 75.0	72,5 75,1	72.5	72.5 75.1	72.5	72.5 75.1	72,5 75.1
≥ 4500 ≤ 4000	36.3		73.4	75.5	77.1	77.1	77.5	76,0 77.6	76.1 77.7	76,2 77,9	76.3 78.0	76.3	76.3 78.0	76.3 78.5	76.3 78.0	76,3 78.0
≥ 3500 ≥ 3000	36.9	70.6	76.5	78,9	78,2 80,6	80.7	78,7 81,3	78.5 81.4	78,9 81.5	79.1 81.6	79.1 81.7	79.2 81.8	79.2 81.8	79.2	79.2	79.2 81.8
£ 2500 £ 2000	37.9 39.0	<u> </u>		80,7	85.9	82.6 86.0	83.2	83,3 86,7	86.8	83.6 87.1	83.7	83.8	83.8 87.2	83.8	87.2	87.2
≥ '800 ≥ 1500	39.4	77,8	82.3	85.0			87.9 89.9	87.9 90.0	90.1	90.4	90.5		90.6		90.6	90.6
≥ 1200 ≥ 1000	40.4			90.1	91.3	91.4	93.4	92 • Z 93 • 5	92.3	93,9	94.0		94.1	92,8	94.1	92,8 94.1
∉ 900 ∉ 800	40.5	82,3	87.2	90.9	93.1		94.4	94.1	94.2	95.0		95.1	95.j	94.7	94.7 95.1	94.7
.⁄ /00 ≥ 600	40.5	82,7	88.0	91.7	94.1	94.1		اخطرنسيا	96.1	96,6		90.8	96.8	96,8	96.8	96.8
≥ '70 ≥ 400	40.6	83.1	88.7		لتخضيا	95.7	96,8	97.1	96.8	97.7	98.0	98.1	98.1	97.7 98.1	97.7 98.2	98.2
≥ 300 ≥ 20x°	40.6	83,3		92.7		96,3	97.5	98.0	98.2	98,9	99.2	99.2	99.4	99,5	99.6	99.6
≥ 100 ≥ 0	40.6	] = - 7	88.9		1 _ T - T	- ,										99,8 100,0

TOTAL NUMBER OF OBSERVATIONS\_

2939

matrices and the second

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0000=0200

CEILING							VIŞIBIL	ITY (STATU	re miles)	_						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ⅓	≥ 0
NO CEILING ≥ 20000		47.9 52.2		51.7 56,5	52.1 57.1	52 · 1 57 · 2	52.2 57.3	52.2 57.3	52.2 57.3	52.2 57,3	52.2 57.3	52.2 57.3	52.3 57.4	52.3 57.4	52.3 57.4	52.5 57.6
≤ 18000 ≥ 16000	29.2	52.7 53.2	55.2 55.7	57.5	57.7 58.2	57.7 58.2	57.8	57,8 58,3	57.8 58.3	57.8 58.3	57,9 58,4	57.9 58.4	57.9 58.4	57.9	57.9 58.4	58.1
≥ 14000 ≥ 12000	30.7	36.2	57.1	59.0 60.8	59.6	59.7	59.8 61.8	59.8 61.8	59.8	59.8	59.8	59.8	59.9	59,9	59.9	62.1
≥ 9000 ≥ 9000	31.9	58,8			64.5	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.8		64.8	64.4
≥ 8000 ≥ 7000	32.9 33.9	61.8	64.8	66.9	67.8	67.9	68.0	68.0	68.0		68.0	66.2	66.2	66,2	66.2	68,3
≥ 6000 ≥ 5000	35.2	65.5	69.0	7.00	70.1 72.7	70.2	70.3	70.3 72.8	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.6
≥ 4500 ≥ 4000	35.5 35.9	66.2 67.6	69.8 71.3 72.6	72.3	73.5	73.5	75.2	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.9
≥ 3500 ≥ 3000	36.8	70.5	74.4	77,2	76.4 78.4 80.9	76,5 78,4 81,0	76.6 78.5 81.1	76,6 78,5	76,6 78,5	76.6 78.5	76,6 78,6	76.6 78.6	76.7	76,7 78,6	76.7	76,9
≥ 2500 ≥ 2000	38.7	75.7	80.0	83.1	84.5	84,6	84.7	84.7	84.7	84,7	81.1 84.8 85.7	84.8	81.2 84.9	81,2	81,2 84,9 85.8	81.4 85.1 85.9
≥ 1500	39.9 40.5	78.5	83.0		88.1	88,1	88.3	88.3	88.3	88.3	88.4	88.4	88.4	85,8 88,4 91.5	88.4	88.6
≥ 1000	40.6	82.0	86.9	90.7 91.5	92.9	93.9		93,3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	
≥ 900 ≥ 800	40.9	83.2	87.7	91.8	94.2	94.8			94.7	94.8	94.9	94.9	95.0	95.0 95.7	95.0	95.2
≥ 600	41.0	83.7	88.7	93.0	95.5	95.6			96.2	96,4	96.5	96.5	96.6	96.6	96.6	96.8
≥ ±00 ≥ 300	41.0	84.1	89.3	93.9	96.7	96.8	97.4	97.7 98.2	97.7	98,1	98.2	98.2	98.3	98.3	98.4	98.6
≥ 200	41.0	84.1	89.5			97.3	98.2	98.5	98.6			99.2	99.3	99,3		99.6
2 0	41.0	84,1	89.5	94.1	97.2	97.4		98,6			99,3	99.3				100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **CEILING VERSUS VISIBILITY**

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIEI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥11/3	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	21.3	41.4	44.4	46,2	47.7	47,7	51.6				48.7 52.0	48.8			49.0	49.2
≥ 18000 ≥ 16000	22.3	44,2	47.5	49.5 50.1	51.1 51.7	31.7	·51.8	52.0 52.6	52.0		52.3 52.9	52.3	52.5	52.5 53.1	52.5 53.1	52.8 53.4
≥ 14000 ≥ 12000	23.4	40,1	49.5 51.2	51.5 53.4	53,2 55,1	53,2 55,1	53,8	54 1 56 0	54.1 56.0		54.3 56.3	54.3 56.3	54.5 56.5	54,5 56,5	54,5 56,5	54.8 56.8
≥ 10000	25.4	50.2	53.2	55.4 56.1	57.2 57.9	57.2 57.9		58 • 1 58 • 8	58.1 58.8	58.4 59,1	58.4 59.1	58.4 59.1	58.6 59.3	58,6 59,3	58,6 59,3	58,9 <b>5</b> 9,6
≥ 8000 ≥ 7000	26.4	52,1	57.1	58.3 59.8	61.6	61.6		61,1	62.6	61,4	62.9	61.4	61.6 63.1	61,6	61.7	62,0 63,4
≥ 6000 ≥ 5000	27.5 28.0 28.2	54,6	58.7	63.7	65.6	65.6	66.4	7 7 2	66.6		66,9	64,6	64.8	64,8	67.2	67.5
≥ 4500 > 4000	28.7	57,0 58,5	62.9	66.0	68.0	68,1	68,8	69.1	67.5	69.4	67.8	67,8	69.7	68,1	68.1	70.0
< 3500 < 3000	29.4	61,4	66.0	V -	71,4	71.5	70.0 72.3	70,3 72,6 74.7	70.3 72.6 74.7	72.9	70.6	72.9	70.9 73.2	70.9	70.9	71.2
> 2500 = 7000 > 1800	30.9	66,2	71.5	74.9	77.3	77,4	78.3	78,6	78.7	79.0	79.0 79.0	79.0	79.3	79.3	79.3	75,6
± 1500	31.6	69,3	74.8	78.7	85.0	81,4	82.2	82.6	82.6	83.0	83.0	83,0	80.6	83.3	83.3 87.1	83,6
≥ 1000	32.8	73.8	79.9	84.3	87.2	87.2	88.2	90.0	90.0	90.5	89.1 90.5	89.1	90.8	87,1 89,4 90,8	90.8	89.7
≥ 800	33.2	75,3	81,6	86.5 87.3	90.6	89.8 90.8	91.0	91,4	91.4	92.0	92.0	92.1	92.3	92,3	92.4	92.7
≥ 600	33.5	76,4	82.9 83.2	88,1	91.7	91.9	93.2	93,7	93.8	94.4	94,5	94.5	94.7	94.7	94.8	95,1
≥ 400 ≥ 300	33.5	76,8	83.7	89.2	93.4	93.2	95.0	95,6	95.6	96,5	96.6	96.6	96.9	96.9	96.9	97.2
≥ 200 -	33.5	77.0	83.8	89,4	93.5	93.7	96.0	96,8	96.8	97.7	97.9	97.9	98.7	98.3	98.4	98.8
≥ 0	33.5	77.0	83.8	89.4	93.5	93.8	96.0	96,9	96,9	97,9	98,1	98.2	98.9	98,9		100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOCIETE

#### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALA" AMA/MONTGOMERY

37-41,43-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0600=0800

CEILING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ ,,	≥,	≥5′16	≥ ¼	≥ 0
NO CEILING ≥ 20000	17.6	36,1	34.8	36.9 42.1	39.1		40.3		41.0		41.7		41.7	41.7	41.8	41.9
≥ 18000 ≥ 16000	20.0	37,2	40.8	42.6	45,3	7.7.4	47.0	47,7	47.8	48,6		48.7	48.8	48.8	48.9	49.1
≥ 14000 ≥ 12000	21.1	38,5 40,6	44.5	44.8	47.5 50.0	48 • 0 50 • 4	49,2 51,8	49.9 52.5	50.0	50.8 53.4	51.0		51.1	51.1	51.2 53.8	31.4 54.0
≥ 10000 ≥ 9000	22.7	42.4	46,3 47,1	49.1 50.0			53.9 54.9	54.7 55.6	54.8 55.8	55,5 56,5	55.7 56.7	55.7 56.7	55.8 56.8	55.8 56.8	55.9	56,2 57,2
≥ 8000 ≥ 7000	23.8	44,6	50.5	53.6	55 • 1 56 • 9	55.6 57,4	57.0	57,8 59,7	57.9 59.9	58.7	58,9 60,8	58.9	58.9	58,9	59.0	59.3
≥ 6000 ≥ 5000	25.0 26.1 26.4	47,3	54.2	57.6	61.2	59.1 61.8	63.4	61,5	61.6	62,5 65,2	62,7	62.7	62.7	62.8	62.9	63,1
≥ 4500 ≥ 4000	27.2	51.3 52.1	56.2	59.7	63.5	64.1	65,9	66.8	66.9	67.8	65,9 68,0	68.0	66.0	66,0 68,1	66.1	66,4
≥ 3500 ≥ 3000	28.6	54,0	59.2	62.9	66.9	67,6	69.6	70.5	70.6	69.0 71.4	71.6	69.2 71.6	69.2 71.7	69.3 71.7	69,4	69.6 72.1
≥ 2500 ≥ 2000	30.6	58,4	64.0	68,1	72.2	73,0	75.2	76.2	73.0 76.4	77,3	74.0	74.0	74.1	74,1	74.2	74.5 78.0
≥ 1800 ≥ 1500 ≥ 1200	31.7	61,5 63,2	67.7	71.9	76.2	74.3	76.5	80.4 83.5	80.6	81.6	78.8	78.8	78,9	78,9 81,8	79.0	79,3 82,2
≥ 1000 ≥ 1000	32.5	65,0	71.7	76.7	81.6	82.5	85,1	86.3	86.5	87.7	87,9	84,9	88.0	85,0 88,1	88.2	85.3
≥ 700 ≥ 800 ≥ 700	32.7	66.5 67.0	73.6	78,8	84.0	~~ - 1 _ 1	87,9	89,3	90.6	90.9	91.2	91.2	91.3	89.3 91.3	91.4	89.7 91.7
2 600	33.0	67.7	74.9	80.5	85.9	87.0	90.4	91,9	92.0	93.6	94.0	92.5	92.6	92.6	92.7	93.0
≥ 400 ≥ 300	33.0	68 • 2 68 • 3	75.7	81.8	87.6	88,8	92.8	94.3	94.5	96.9	96.8	95.7	95.8 97.0	95.9 97.0	96.0 97.1	96.3
≥ 200	33.0	68,3 68,3	75.8	81.8	87.9	89.2	93.3	94.9	95.2	97.1	97.7	97.8	98.2	98,3	98.6	98.5 99.1 99.6
≥ 0	33.0	68.3	75.8	81.8	87.9	89,2		95.0	95.2	97,1		97.9			99.01	

TOTAL NUMBER OF OBSERVATION

USAFETAC #08M 0-14-5 (OLA) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0900= .100

CEILING							VISIBIL	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥11/3	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	30.8 35.1	41.1 47.9	42.5	43.1 50.5	43.7 51.4	43.8	51.7	44 • 0 51 • 8	51.9	44.1 52.0	44.2 52.1	44.2 52.1	44.2 52.1	44.2 52.1	44.2 52.1	44,3 52,1
≥ 18000 ≥ 16000	35.2 35.7	48.2 48.8	49.9 50.6	50.7 51.4	51.6 52.3	51.6 52.3	52,6	52,1 52,7	52.1	52.2 52.9	52.3	52.3 53.0	52.3 53.0	52,3 53,0	52.3 53.0	52,4 53,0
≥ 14000 ≥ 12000	36,5 37,5	50.1	53.5	54.4	55.3	55,4	54,0 55.6	54 · 1 55 · 8	55.8	54.2 55.9	56.0	56.0	56.0	54.3 56.0	56.0	56.1
≥ 10000 ≥ 9000	38.7 39.1	53.7 54.2 55.6	56,2	57.1	58.0 59.5	58,0 59.6		57,9	57.9 58.5	58.7	58,1 58,7	58.1 58.8	58.1 58.8	58,1	58.8	58,1
≥ 8000 ≥ 7000	40.7	56.9	59.0	60.2	61.1	61.2	61.5	60.0 61.6 63.5	61.7	60.2 61.8 63.7	60.2	61.9	60.3 61.9	61.9 63.8	61.9 63.8	61.9 63.9
≥ 5000 ≥ 5000	42.4	60.1	62.4	63.8	64.9	65.0	65.3	65.6	65,6	65.8	65,9	65.9	65.9	65.9	67.4	65,9
≥ 4500 ≥ 4600 ≥ 3500	44.4	63.2	67.3	67.3	70.3	68,6	46 -		69.3		69.5	69.5	69.5	69.5	69.5	69.6 71.4
≥ 3000	47.6		70.5	1	73.5	73.5	74.0	74.3	74.3		74.6	74.6	74,6	74,6	74,6	74.6
≥ 2000	51.3	74,3	77.6		81.0	81,2	81.7	82.0	82.0	82,3	82,3 83,5	82.4	82.4	82,4	82,4	82.4
≥ 1500	52.9	77,7	81.2		85.1	85.3	85.9	86.2	86.2	86.5	86.6	89.8	89.8	89.8	89.8	86.7
≥ 1000	54.8	62.9	86.2	88,5	90.7	90,9	92.6	92.9	92.0	93.3	92.5	92.5	92.6	92,6		92.6
≥ 800	55.0	84.1	87.9 88.6	-	92.7	93.0	95.1	94,2	94.3	94.7	96.3	95.0	96.4	95.0	95,1	95,1 96,4
≥ 600	55.2		89,0 89,3	92.3	95.2	94,9	96.9	96.5	96.6		97,5 98,6	97.5	98.7	97,6	98.7	97,7 98,8
≥ 400	55.2	84,6	89.4	92.4	95.4	95,8	97.4	98.0	98.0	99.0	99.4	99.1	99.3	99,3	99.7	99.7
≥ 200 ≥ 100 > 0	55.2 55.2 55.2	84,6	89.4 89.4 89.4	,	95.4 95.4 95.4				98.3 98.3 98.3	99.1 99.1	99.6 99.6	99.5		99,8	99.9	100.0
≥ 0	22.5	84.6	07.4	92.4	72.4	7247	97.4	98,1	70.3	77.1	77.0	99.6	99.8	99.8	77.7	100.0

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC JUL64 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOHERY 37-41,43-72

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

/ EILING							VISIBIL	ITY ISTATU	TE MILES							ļ
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 114	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000	39.9	45.2 54.8	45.3 55.1	45.5 55.3	45.6	45.6	45.6 55.6				45,6	45.6				
≥ 18000 ≥ 16000	47.9	55,4 56,3	55,6	55.8	56.0 57.0	56.0 57.1		56.2 57.2	56.2	56,2	56,2	56.2 57.2	56.2	56,2 57,2		55.2 57.2
≥ 14000 ≥ 12000	49.7 51.1	57,7 59,4	59.7	58,2 59,9	58.4	58,4	58.5 60.3	58,5	58.5		50,5	58.5	58.5	58.5	58.5	58.5
≥ 10000 ≥ 9000	52.4	62.0	62.5	62.1	62.3	62.4	62.5	62,5	62.5	62,5	62,5	62.5	62.5 03.1	62,5	62.5	62.5 63.1
≥ 8000 ≥ 7000	53.5	64,6	63.8	64.1	64.3	65.7	64.4 65.8	64,4	65.8	64,4	64,4	64.4	64.4			64,4
≥ 6000 ≥ 50.X0	55.3 56.8	66.5	67.2	70.0	67.7 70.2	70.3		67.9 70.4	67.9 70.4	67.9 70.4	67.9 70,4	67.9 70.4	67,9 70.4	70.4	67.9 70.4	67.9 70.4
≥ 4500 ≥ 4000	58.0 60.2	70.4	71.3	71.7	71.9 75.1	72.0 75.2	72.2	72.2	72.2 75.4	72.2 75.4	72,2	72.2		72.2	72.2 75,4	72.2 75.4
± 3500 ≥ 3000	62.1	75,7	76.9 80.9	77.5 81.5	77.9 82.0	77.9 82.0	78.1 82.3	78 · 1 82 · 3	78.1 82.3	78.1 82.3	78.1 82.3	78.1	73,1	78,1 82,3	78.1 82.3	78.1 82.3
≥ 2500 ≥ 2000	58.2	82,9	86.7	87.4	88.2	85.5	88,5	85,8	85,8	88,6	85,6	85.8		88,6		85.8
≥ 1500 ≥ 1500	69.2	86.1 87.9	89.7	90.6	91.5	91.5	91.9	89,4 92,0		89.4 92.1	89.4 92.1	92.1	89.5 92.1	89.5 92.1	92.1	92.1
≥ 1200	70.1	90.0	92.9	94.1	93.9	94.0		94,4	94.5	96.0		90.1	94.7	94,7	96.1	94.7
≥ 900 ≥ 800	70.4 70.4 70.6	91.6	93.7	95.0	95.6	95.8	97.0	96,4 97,2 97.7	96 • 4 97 • 2 97 • 7	96,5	96.6 97.5 98.1	96+6 97+5 98+1	97.5	96.6	96.6	96.6
≥ 700 ≥ 600	70.6	91.9	94.5	95.9	96.6 97.2 97.5	97.5		98.3	98.3	98.0 98.6	98.7	98.7	98.1	98.1 98.8 99.4		98 • 1 95 • 8
≥ 500 ≥ 400	70.6	92,0	94.6		97.6	97.9	98.7	98,8 99,1 99,2	99.2	99.3 99.6 99.8	99.7	99.7	99.4	99.8		99.8
≥ 300 ≥ 200	70.6		94.6	96.2	97.6	97,9	98.7	99.2	99.3	99.8	99.9	99.9	100.0	100 0	100.0	100 • 0 100 • 0
≥ 100 ≥ 0	70.6	* "				+	98.7	7			(	99,9	100.0	100.0	100 • 0	100•0 100•0

TOTAL NUMBER OF OBSERVATIONS

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_1500=1700

CEILING		,					VISIBIL	HTY (STATU	TE MILES)							
(FEET,	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥1%	≥ 1	≥ ¾	≥ 3%	≥ ⅓	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000	42.5	58.4	59.0			5-13	59.4		48,3	48.3			48.3 59.4	48,3	48.3 59.4	48.3 59.4
≥ 18000 ≥ 16000	52.7 53.1	59.9	60.5	60.6	. • •(	60.8	60.9	60.3	60.3			60.9	60.3	60.9	60.9	
≥ 14000 ≥ 12000	55.0 56.6	64.2		64.9	65.1	65,2	65.3	63,2 65,3	65.3	65,3	63.2	65.3	63,2	65.3	65.3	63,2
≥ ¹0000 ≥ 9000	58.1	= - * :	68.1	68.2	68.5	68,5	68.7	68,7	68.7	68.7	68.7	68.7	68,7	68,7	67.8	67.8
≥ 8000 ≥ 7000	61.0	71.2	70.1 72.0	72.4	72.7	70.7	70.8	70,9	70.9	70.9	70.9	70.9	70.9	70.9 72.9	70.9	70.9 72.9
≥ 6000 ≥ 5000	64.0		76,8	77.2	74.7	77.6	74,8	77,8	77.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500 ≥ 4,00	66.1	76,8		78.4	70.8 81.4	81.5	81.7	81,7	81,7	81.7	79.0	79.0 81.7	79.0 81.7	79.0 81.7	79.0 81.7	79.0 81.7
≤ 3500 > 3000	57.4 68.8	83,9	82.7	86.1	83.9	84.1		1 1 -	87.2	84,3	84.3 87.2	84.3	87.2	87.2	84.3	87.2
≥ 2500 ≥ 2000	69.7 70.5		87.5 89.8	90,9		91,9	92.3	92.5	89.5 92.5	92.5	89.6 92.5	92.5	89.6 92.5	92.5	92.5	89.6 92.5
≥ 1800 ≥ 1500	70.7		91.8	93.0		94.1	93.2	94.8	94.8	,	94.9			93,4	93.4	93,4
≥ 1000 ≥ 1000	71.3	91 1	93.5	94,9	96.1	96,3	96.9	97.2	97.2	97.3	97.4	96.3	97.4	97.4	97.4	97.4
≥ 900 ≥ 800	71.5	91.3		95.3	96.2 96.5	96,4 96,8	97.1	97.9	97.9	98.0	98.1	97.7	97.7 98.1	97+7 98+1	98.1	97.7 98.1
≥ 700 - 600	71.5	91.7	94.1		97.1	97+1	97.9	98.6		98.7	98.8	98.8				98.8
≥ 500 ≥ 400	71.5	91.7	94.3 94.3	96.0	97.5		99.0	99,5		99.7	99.7		99.8		99.8	99.8
≥ 300 ≥ 200	71.5	1 4 7 1 4	94.3 94.3	96.1 96.1	97.6 97.6	97.9	99.1	99.6	99.7	99.8	99.9	99.7	1		- • • •	99.9 99.9
≥ 100 ≥ 0	71.5	91.7	94.3		97.6 97.6		99.1			99.8	7 : 7 7	99,9 99,9				100•0 100•0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUST 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CARDIETE

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

( EILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 7	≥ 11/2	211 ≤	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼.	≥ 0
NO CE LING ≥ 20000	38.1	53.5 60.2	54.6	55.3 62.6	55.6	55.6 63.0	55.7	55.7 63.1	55.7 63.1	55.7 63.1	55.7 63.1	55.7	55.7 63.1	55.7 63.1	55.7 63.1	55.7 63,1
≥ 18000 ≥ 16000	43.2	61,2 61,7	62.7	63.6 64.1	64.0	64.6	64.7	64,7	64.7	64.7	64,1 64,7	64.7	64.1	64,7	64,7	64.7
≥ 14000 ≥ 12000	44.6	65,8	67.4	65.8	66.2	66.3	68.8	66,4	68.8	68.8	66,4	68.8	66.4	68,8	68.8	68.8
≥ 10000 ≥ 9000	46.8		70.2	70.2	70.6	70.6	70.7	70,8 71.7	70.8	70.8 71.7	70.8 71.7	70.8	70.8	70.8	70.8	70.8 71.7
≥ 8000 ≥ 7000	47.9	71.5	71.5	74.3	72.8	74.9	73.0	73.0 75.1	73.0 75.1	73.0 75.1	73.0 75.1	73.0 75.1	73.0 75.1	73.0	73.0 75.1	73.0
≥ 6000 ≥ 5000	50.8	72.9	75.1	76.1 78.7	76.7 79.5	76.7 79.5	76.9	77.0 79.8	77.0 79.8	77.0 79.9	77.0 79.9	77.0	1 1 7	77.0	77.0	77.0 79.9
≤ 4500 ≥ 4000	51.2	76,4	78.8	82.1	83.0	80.8	83,2	81 · 1 83 · 3	83.3	81,1	81,1	81.1	81.1	81,1	81.1	
≥ 3500 ≥ 3000	52.4 53.0	81.3	84.2	86,0	86.8	86,8	87.1	84,9	84.9	85.0 87.2	85.0 87.2	87.2	85.0 87.2	85.0	87.2	87.2
≥ 2500 ≥ 2000	53.6	84.8	88.0		91.1	89.2 91.4	91,8	89,6 91,8	91.8	91,9	91,9	91.9	91.9	91.9	89.7	89,7 91,9
≥ 1800 ≥ 1500	54.2 54.6	86,1	89,5	90.5	91.6		92.3	92,4			92.5	94.0	94.0	94.0	94.0	94.0
≥ 1000	55.1	87.1 87.4	91.2	93,5	94.4	95.2	95.2	96.0	96.0	95.4	95.5	96.2	96.2	96.2	96.2	96.2
≤ 400 ≥ 800	55.1	87.6 87.9	91.7	94.1	95.2		96.7	96,4 97,1	97.1	97.4	97.5	97.5	97.5	96.7	96.7	96,7
≥ 700 ≥ 600	55.2	88.0	5 ( . 8	94,3	95.7 96.0		96.9	97.3	97.7	97.7	97.7	97.7	97.7 98.1	97,7	97•7 98•1	97.7
≥ 500 ≥ 400	55.2 55.2	88.0	72.2	94,9	96.5	97.1	97.8	98.9				99.6	99.6		99.6	99.6
≥ 300 ≥ 200	55,2 55,2		92.2	94,9	96.9	97.2	98,4	99.1	99.1	99.6	99.8	99.8	99.9	99,9	100.0	100.0
≥ 0	55.2				96.9		98,4 98,4	'	99.1	99.7		99.8		99,9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS\_

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

1						VIS-BIL	ITY (STATUT	E MILES)							
≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ %	≥ %	≥ '5	≥ 5/16	≥ %	≥ 0
32.0	32.9	55.2 60.1	56.3 61.4	56.9			57,0 62,1	57.0 62.1		57.0 62.1	57.C 62.1	57.0 62.1		57.0 62,2	57.0 62.2
34.4	58,3	61.4	62.0	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
36.7	62.7	65.4	66.6	67.3	67.3	67.4	67,5	64.8	67.5	67.5	64,8	64.8	67.5	64.8	67.5
38.0	05.1	67.8	69.0	69.8	69.4	69.9	69.9	69.9	69.9	69.9	69.5	69,9	69.9	70.0	70.0
39.4	68,5	71.4	72.9	73.8		73.8	73,9	73.9	73.9	73.9	73,9	73.9	73.9	73.9	71.9
41.1	72.4	75.8	77.4	78.4	78.4	78.4	78,5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	75.8 78.5 79.8
41.9	75,0	78,5	80,3	81.3	81.3	81,4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5
42.8	78.5	82.3	84.1	85.3	85.3	85.4	85.5	85.5	85.5	85,5	85.5	85.5	85,5	85.5	87.4
43.9	81.8	86.1	88.3	89.5	89.6	89,8	89,9	89.9	89.9	89,9	89,9	91.1	89.9	89.9	90.0
44.9	85.5	88.7	91.1	92.5	92,6	92.7	92.9	92.9	92.9		92.9	92.9	92,9	92.9	93.0
45.8	86.8	91.2	93.9	95.4	95.5	95.7	95,9	95.9			96.0				96.8
46.2	87.3	92.4	95.4	96.5	97.1	97.5		97.8	97.8	97.8					97.3 97.9
46.2	87,7	92.9	96.1	98.0	98,1	98.5	98,2	98.9	99.0	99.1	99.1	99.1	99.1	98.4	98.5
40.3	87.8	93.2	96.4	98.5	98 . 6	99.1	99.5	99,5	99.7	99.8	99.8	99.8	99.8	99.8	
46.3	87.8	93.2	96.5	98.5	98.7	99.2	99,6	99.6	99,8	99.9	99.9	99.9	99.9	99.9	100.0
	34446 33446 33446 3335.57 8064 41.13 9441.33 441.33 441.39 444.39 445.39	34.1 57.7 34.4 58.3 34.6 58.9 35.5 60.2 36.7 62.7 37.8 64.6 56.7 62.7 37.8 65.1 38.0 65.1 38.0 65.1 38.0 65.1 70.1 70.1 70.1 41.3 73.9 41.3 73.9 41.3 73.9 41.3 73.9 41.3 73.9 41.3 73.9 41.3 73.9 41.3 75.0 42.4 88.8 80.4 98.8 80.4 98.8 80.4 98.8 80.4 98.8 80.4 98.8 80.4 98.8 80.4 98.8 80.8 80.8 80.8	34.1 57.7 60.1 34.4 58.3 60.8 34.6 58.9 61.4 35.5 60.2 62.8 36.7 62.7 65.4 37.8 64.6 67.8 38.0 65.1 67.8 38.0 65.1 67.8 38.0 65.1 71.4 40.2 70.1 73.2 41.1 73.9 76.9 41.3 73.9 76.9 41.3 75.0 82.9 41.3 75.0 82.9 42.8 76.7 80.3 44.9 81.8 86.1 44.9 84.1 88.3 44.9 84.1 88.3 44.9 84.1 88.3 45.8 86.4 91.2 45.8 86.4 91.2 46.2 87.5 92.6 46.3 87.5 92.6 46.3 87.5 93.2 46.3 87.8 93.2 46.3 87.8 93.2	34.1 27.7 60.1 61.4 34.4 28.3 60.8 62.0 34.6 58.9 61.4 62.6 35.5 60.2 62.8 64.0 36.7 62.7 65.4 66.6 63.8 69.0 38.6 65.1 67.8 69.0 38.6 66.7 69.5 70.8 39.4 68.9 71.4 72.9 40.2 70.1 73.2 74.7 41.1 72.4 75.8 77.4 41.1 72.4 75.8 77.4 41.1 72.4 75.8 80.3 82.0 42.8 78.5 82.3 82.0 42.8 78.5 82.3 82.0 42.8 78.5 82.3 82.0 42.8 78.5 82.3 82.0 42.8 78.5 82.3 82.0 42.8 78.5 82.3 82.0 42.8 78.5 82.3 82.0 42.8 78.5 82.3 82.0 42.8 78.5 82.3 82.0 42.8 78.5 82.3 82.0 42.8 78.5 82.3 82.0 42.8 78.5 82.3 82.0 42.8 78.5 82.9 87.3 89.4 44.9 84.1 88.7 91.1 92.8 82.9 87.3 89.4 44.9 84.1 88.7 91.1 92.8 84.1 88.7 91.1 92.8 86.8 91.7 94.9 94.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95	34.1     37.7     60.1     61.4     62.1       34.4     58.3     60.8     62.0     62.7       34.6     58.9     61.4     62.6     63.3       35.5     60.2     62.8     64.0     64.7       36.7     62.7     65.4     66.6     67.3       37.8     64.6     67.3     68.6     69.0       38.0     65.1     67.8     69.0     69.8       38.6     66.7     69.5     70.8     71.7       39.4     68.9     71.4     72.9     73.8       40.2     70.1     73.2     74.7     75.6       41.1     72.4     75.8     77.4     78.4       41.3     73.9     76.9     78.6     79.6       41.3     73.9     76.9     78.6     79.6       42.4     75.0     78.5     80.3     81.3       42.4     76.7     80.3     82.0     83.0       42.8     78.5     82.3     84.1     85.3       44.9     81.8     86.1     88.3     89.5       44.9     81.8     86.1     88.3     89.5       44.9     84.1     88.7     91.1     92.5       45.8     86.8 <t< th=""><th>34.1 27.7 60.1 61.4 62.1 62.1 34.4 98.3 60.8 62.0 62.7 62.7 34.6 58.9 61.4 62.6 63.3 63.3 35.5 60.2 62.8 64.0 64.7 64.7 36.7 62.7 65.4 66.6 67.3 67.3 37.8 64.6 67.3 68.6 69.4 69.4 38.0 65.1 67.8 69.0 69.8 69.8 69.8 38.0 65.1 67.8 69.0 69.8 69.8 69.8 38.0 65.1 67.8 69.0 69.8 69.8 71.7 71.7 39.4 68.9 71.4 72.9 73.8 73.8 73.8 40.2 70.1 73.2 74.7 75.6 75.6 41.1 72.4 75.8 77.4 78.4 78.4 41.3 73.9 76.9 78.0 79.6 79.6 41.3 73.9 76.9 78.0 79.6 79.6 41.3 73.9 76.9 78.0 79.6 79.6 42.8 78.5 82.3 84.1 85.3 81.3 81.3 42.4 76.7 80.3 82.0 83.0 83.1 83.1 84.3 89.3 89.5 89.6 43.9 81.8 86.1 88.3 89.5 89.5 89.6 44.9 84.1 85.3 89.5 89.5 89.6 44.9 84.1 85.3 89.5 89.5 98.5 98.5 98.5 98.5 98.7 92.6 95.6 97.4 97.5 92.6 95.6 97.4 97.5 92.6 95.6 97.4 97.5 92.6 95.6 97.4 97.5 92.6 95.6 97.4 97.5 92.6 95.6 97.5 98.5 98.7 92.9 96.5 98.5 98.7 98.7 93.2 96.5 98.5 98.7 98.7 93.2 96.5 98.5 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 93.2 96.5 98.5 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7</th><th>34.1     37.7     60.1     61.4     62.1     62.1     62.1     62.1     62.1     62.7     62.8       34.4     58.3     60.8     62.0     62.7     62.7     62.8       34.6     58.9     61.4     62.0     63.3     63.3     63.4       35.5     60.2     62.8     64.0     64.7     64.7     64.8       36.7     62.7     65.4     66.6     67.3     67.4     69.4     69.4     69.4     69.4     69.4       38.0     65.1     67.8     69.0     69.8     69.8     69.8     69.9     89.8     69.9       38.6     66.7     69.5     70.8     71.7     71.7     71.7     71.7       39.4     68.9     71.4     72.9     73.8     73.8     73.8     73.8       40.2     70.1     73.2     74.7     75.6     75.6     75.7     77.7       41.1     72.4     73.8     77.4     78.4     78.4     78.4     78.4       41.3     73.9     76.9     78.6     79.6     79.6     79.7     79.7       41.1     75.0     78.5     80.3     81.3     81.3     81.3     81.4       43.9     81.8</th><th>34.1 27.7 60.1 61.4 62.1 62.1 62.1 62.1 34.4 28.3 60.8 62.0 62.7 62.7 62.8 62.8 34.6 28.9 61.4 62.6 63.3 63.3 63.4 63.4 35.5 60.2 62.8 64.0 64.7 64.7 64.8 64.8 36.7 62.7 65.8 66.6 67.3 67.3 67.4 67.5 37.8 64.6 67.5 68.6 69.4 69.4 69.4 69.5 38.0 65.1 67.8 69.0 69.8 69.8 69.9 69.9 38.0 65.1 67.8 69.0 69.8 69.8 69.9 69.9 39.4 68.9 71.4 72.9 73.8 73.8 73.8 73.9 74.1 72.4 75.6 75.6 75.7 75.7 74.1 72.4 75.8 77.4 78.4 78.4 78.4 78.5 73.8 73.9 78.5 77.4 78.4 78.4 78.4 78.5 78.5 78.5 78.5 78.5 78.5 78.5 78.5</th><th>34.1 37.7 60.1 61.4 62.1 62.1 62.1 62.1 62.1 62.1 34.4 58.3 60.8 62.0 62.7 62.7 62.8 62.8 62.8 34.6 58.9 61.4 62.6 63.3 63.3 63.4 63.4 63.4 35.5 60.2 62.8 64.0 64.7 64.7 64.8 64.8 64.8 36.7 62.7 65.4 66.6 67.3 67.4 67.5 67.5 37.8 64.6 67.3 67.4 67.4 67.5 67.5 38.0 65.1 67.8 69.0 69.8 69.8 69.9 69.9 69.9 38.0 65.1 67.8 69.0 69.8 69.8 69.9 69.9 69.9 38.0 65.1 67.8 69.0 69.8 69.8 73.8 73.8 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.8 73.8 73.9 73.9 73.8 73.8 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.8 73.8 73.8 73.8</th><th>34.1 27.7 60.1 61.4 62.1 62.1 62.1 62.1 62.1 62.1 62.1 34.4 58.3 60.8 62.0 62.7 62.7 62.8 62.8 62.8 62.8 34.4 58.9 61.4 62.6 63.3 63.3 63.4 63.4 63.4 63.4 35.5 60.2 62.8 64.0 64.7 64.7 64.8 64.8 64.8 64.8 64.8 36.7 62.7 65.4 66.6 67.3 67.3 67.4 67.5 67.5 67.5 37.8 64.6 67.3 68.6 69.4 69.4 69.5 69.5 69.5 69.5 38.0 65.1 67.8 69.0 69.8 69.8 69.9 69.9 69.9 69.9 69.9 38.0 65.1 67.8 69.0 69.8 69.8 69.9 69.9 69.9 69.9 69.9 39.4 68.9 71.4 72.9 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.9 73.9 73.9 73.9</th><th>34.1 37.7 60.1 61.4 62.1 62.1 62.1 62.1 62.1 62.1 62.1 62.1</th><th>34.1 97.7 60.1 61.4 62.1 62.1 62.1 62.1 62.1 62.1 62.1 62.1</th><th>34.1 57.7 60.1 61.4 62.1 62.1 62.1 62.1 62.1 62.1 62.1 62.1</th><th>34.1 97.7 60.1 61.4 62.1 62.1 62.1 62.1 62.1 62.1 62.1 62.1</th><th>34.1 \$7.7 60.1 61.4 62.1 62.1 62.1 62.1 62.1 62.1 62.1 62.1</th></t<>	34.1 27.7 60.1 61.4 62.1 62.1 34.4 98.3 60.8 62.0 62.7 62.7 34.6 58.9 61.4 62.6 63.3 63.3 35.5 60.2 62.8 64.0 64.7 64.7 36.7 62.7 65.4 66.6 67.3 67.3 37.8 64.6 67.3 68.6 69.4 69.4 38.0 65.1 67.8 69.0 69.8 69.8 69.8 38.0 65.1 67.8 69.0 69.8 69.8 69.8 38.0 65.1 67.8 69.0 69.8 69.8 71.7 71.7 39.4 68.9 71.4 72.9 73.8 73.8 73.8 40.2 70.1 73.2 74.7 75.6 75.6 41.1 72.4 75.8 77.4 78.4 78.4 41.3 73.9 76.9 78.0 79.6 79.6 41.3 73.9 76.9 78.0 79.6 79.6 41.3 73.9 76.9 78.0 79.6 79.6 42.8 78.5 82.3 84.1 85.3 81.3 81.3 42.4 76.7 80.3 82.0 83.0 83.1 83.1 84.3 89.3 89.5 89.6 43.9 81.8 86.1 88.3 89.5 89.5 89.6 44.9 84.1 85.3 89.5 89.5 89.6 44.9 84.1 85.3 89.5 89.5 98.5 98.5 98.5 98.5 98.7 92.6 95.6 97.4 97.5 92.6 95.6 97.4 97.5 92.6 95.6 97.4 97.5 92.6 95.6 97.4 97.5 92.6 95.6 97.4 97.5 92.6 95.6 97.5 98.5 98.7 92.9 96.5 98.5 98.7 98.7 93.2 96.5 98.5 98.7 98.7 93.2 96.5 98.5 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 93.2 96.5 98.5 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 93.2 96.5 98.5 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7	34.1     37.7     60.1     61.4     62.1     62.1     62.1     62.1     62.1     62.7     62.8       34.4     58.3     60.8     62.0     62.7     62.7     62.8       34.6     58.9     61.4     62.0     63.3     63.3     63.4       35.5     60.2     62.8     64.0     64.7     64.7     64.8       36.7     62.7     65.4     66.6     67.3     67.4     69.4     69.4     69.4     69.4     69.4       38.0     65.1     67.8     69.0     69.8     69.8     69.8     69.9     89.8     69.9       38.6     66.7     69.5     70.8     71.7     71.7     71.7     71.7       39.4     68.9     71.4     72.9     73.8     73.8     73.8     73.8       40.2     70.1     73.2     74.7     75.6     75.6     75.7     77.7       41.1     72.4     73.8     77.4     78.4     78.4     78.4     78.4       41.3     73.9     76.9     78.6     79.6     79.6     79.7     79.7       41.1     75.0     78.5     80.3     81.3     81.3     81.3     81.4       43.9     81.8	34.1 27.7 60.1 61.4 62.1 62.1 62.1 62.1 34.4 28.3 60.8 62.0 62.7 62.7 62.8 62.8 34.6 28.9 61.4 62.6 63.3 63.3 63.4 63.4 35.5 60.2 62.8 64.0 64.7 64.7 64.8 64.8 36.7 62.7 65.8 66.6 67.3 67.3 67.4 67.5 37.8 64.6 67.5 68.6 69.4 69.4 69.4 69.5 38.0 65.1 67.8 69.0 69.8 69.8 69.9 69.9 38.0 65.1 67.8 69.0 69.8 69.8 69.9 69.9 39.4 68.9 71.4 72.9 73.8 73.8 73.8 73.9 74.1 72.4 75.6 75.6 75.7 75.7 74.1 72.4 75.8 77.4 78.4 78.4 78.4 78.5 73.8 73.9 78.5 77.4 78.4 78.4 78.4 78.5 78.5 78.5 78.5 78.5 78.5 78.5 78.5	34.1 37.7 60.1 61.4 62.1 62.1 62.1 62.1 62.1 62.1 34.4 58.3 60.8 62.0 62.7 62.7 62.8 62.8 62.8 34.6 58.9 61.4 62.6 63.3 63.3 63.4 63.4 63.4 35.5 60.2 62.8 64.0 64.7 64.7 64.8 64.8 64.8 36.7 62.7 65.4 66.6 67.3 67.4 67.5 67.5 37.8 64.6 67.3 67.4 67.4 67.5 67.5 38.0 65.1 67.8 69.0 69.8 69.8 69.9 69.9 69.9 38.0 65.1 67.8 69.0 69.8 69.8 69.9 69.9 69.9 38.0 65.1 67.8 69.0 69.8 69.8 73.8 73.8 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.8 73.8 73.9 73.9 73.8 73.8 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.8 73.9 73.9 73.9 73.8 73.8 73.8 73.8 73.8 73.8 73.8 73.8	34.1 27.7 60.1 61.4 62.1 62.1 62.1 62.1 62.1 62.1 62.1 34.4 58.3 60.8 62.0 62.7 62.7 62.8 62.8 62.8 62.8 34.4 58.9 61.4 62.6 63.3 63.3 63.4 63.4 63.4 63.4 35.5 60.2 62.8 64.0 64.7 64.7 64.8 64.8 64.8 64.8 64.8 36.7 62.7 65.4 66.6 67.3 67.3 67.4 67.5 67.5 67.5 37.8 64.6 67.3 68.6 69.4 69.4 69.5 69.5 69.5 69.5 38.0 65.1 67.8 69.0 69.8 69.8 69.9 69.9 69.9 69.9 69.9 38.0 65.1 67.8 69.0 69.8 69.8 69.9 69.9 69.9 69.9 69.9 39.4 68.9 71.4 72.9 73.8 73.8 73.8 73.9 73.9 73.9 73.9 73.9 73.9 73.9 73.9	34.1 37.7 60.1 61.4 62.1 62.1 62.1 62.1 62.1 62.1 62.1 62.1	34.1 97.7 60.1 61.4 62.1 62.1 62.1 62.1 62.1 62.1 62.1 62.1	34.1 57.7 60.1 61.4 62.1 62.1 62.1 62.1 62.1 62.1 62.1 62.1	34.1 97.7 60.1 61.4 62.1 62.1 62.1 62.1 62.1 62.1 62.1 62.1	34.1 \$7.7 60.1 61.4 62.1 62.1 62.1 62.1 62.1 62.1 62.1 62.1

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC 1864 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-72

APR

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000=0200

CEILING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILIN ≥ 20000	36.1	58,2 63,6	60.8	67.5		68,7		69.0	69.0	69.0		69.0		63.5	63.6	= - 1
≥ 18000 ≥ 16600	37.0	04,9	67.6	68,8	69.3 70.0	69.4 70.0					69.7 70.4	69.4	69.8	70.4	69.9	70.2 70.8
≥ `4000 ≥ 12000	37.8	67.7	70.4	70.0	71.1 72.8	71.2		71.5 73.1	71.5	71.5	71.5 73.2	71.5 73.2	73.3	71.6 73.3	71,7	72.0 73.7
≥ 10000	39,4	1	72.2	73.9	74.6 75.0		74.9 75.3		74.9 75.4	75.4	75.0 75.4	75.0 75.4	75.5	75.1 75.5	75.1 75.6	75.5 75.9
≥ 8000 - 7000	40.8	72.4	74.0 75.4 76.5	76,7	76.5	76.5 78.0	78.3		76.8		76.9 78.4	76.9 78.4	76.9	74.9 78.5	77.0 78.6	77.4
≥ 6000	41.7	74.8	78.6	79,5		80.9	81.2	81.2	79.5 81.2	81.2	79.6	81.3	81.3	81.3	81.4	81.8
≥ 4500 ≥ 4000 ≥ 3500	42.3 42.8	76.5	79.9		82.9	82.9 84.3	63.2 84.7	1 2 2 7	83.2	I	81,9 83,3	83.3 84.8	82.0 83.4	82.0 83.4	82.1 83.4	82.5
≥ 3000	43.2	78,7	82.3 84.0	84.1	85.5	85.5	85.8	85.9 87.7	85.9	85.9	85.0 87.8	86.0	- J - E	86.0	86.1 88.0	86.5
≥ 2000 ≥ 1800	44.6	82.7	86.4	88.4	89.9	89.9		90,3	90.3	90.4	90.5	90.5	90.5	90.5	90.6	91.0
≥ 1500 ≥ 1200	45.6	** _ *	88.9 90.6	90.9	92.6	92.6	92,9		92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.6
≥ 1900	46.2	87,1	91.4	93.7	95.4	95.5	95.8	95.8	95.8	96.6	96.6	96.0	96.1	96.7	96.2	96.6
≥ 800 ≥ 700	46.5	88,1 88,4	92.9	94,9	96.7	96.8	97.2	97.3 97.6	97.3	97.4	97.5	97.5	97.5	97.5	97.6	98.4
≥ 600	46.5	88,6	93.3	95.5 95.7	97.4	97.5		98,0	98.0	98.1	98.2	98.2	98.3 98.5	98.3	98.4	98.8
≥ 400 ≥ 300	46.6	88.8	93.5	95,8	97.6	97.7	2 2 7 7		98.4	98.5	98.9	98.6	98.7 98.9	98.7	98.8	99.4
≥ 200	46.6	2 - 1 - 1	93.6			98 • 1	98.8	, , ,	98.9					99,2	99.3	99.9
≥ 0	45.6	88,8	93.6	96.0	98.0	98,1	98.9	99.0	99.0	99.2	99,3	99.3	99.4	99,4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS\_

3049

#### **CEILING VERSUS VISIBILITY**

MAXWELL AFB ALABAMA/MONTGUMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_03<u>00=0</u>500

CEILING							VIS:BIL	טדגד2ן ידו.	TE MILES)							
FEET	≥ 10	≥6	≥ 5	_ ≥ ₄	≥ 3	≥ 2½	≥ 2	≥1 %	≥ %	≥ 1	≥ 3.	≥ %	≥ '>	≥ 5/16	≥ '•	≥ 0
NO CEILING ≥ 20000	23.0 24.8	46.2 50.3	50.6 55.2								55.9	55.9	56.1	,	56.2	
2008± ≤ 2 14000	24.9 25.3	50,8 51,5		58.2 58.9	59.9	59,9 60,6		60.7	60.7	61.8	62,0	61.3	1 75 5		61.7	62,8
≥ 14000 ≥ 12000	26.0	52.6	57.5 59.0	61.8	63.5	63.5	64.0	64,3		63.1 64.7	63.4	63.4	63.7	63,7	63,8	64.2
≥ 9000 ≥ 10000	27.4	56,1	61.2	64,1	65,8	65,9	66.4	66.7	66,7	67.1	67.4	66.8	67.7	67.1	67.8	
≥ 8000 ≥ 7000	28.1 28.3 28.5	58,4 59.3	62,5	66.5	68.4	68,4	69.0		68,3	69.7	70.1	70.1	70.4	70.4	70.5	70,9
2 5000 2 2000 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	29.0	61.0	65,4	69.6		71.5	72.2	72.5	70.5 72.5 73.1	70.9 72.9 73.5	71,2	73,2	73.6		73.7	74.1
≥ 4500 > 4000	29.6	52.3		71.2	73.2	73.2	74.0	73,1 74,3 75.5	74.3		73,8 75,1 76,3	73.8 75.1 76.3	75.4	75.4	75.5	75.9
≥ 3500 ≥ 3000	30.6	65,1	70.9	74.4	76.4	76,5	77.2	77.6	77.6		78.4	78.4	76.6	78,3 80.5	78.9 80.6	79.3
≥ 2500 ≥ 2000	31.4	68.4	74.4	78.2	80,5	80.6	31,5	8178	81.6	82.4	82.7	82,7	83.0		83.2	83.6
≥ 15°0 ≥ 1,00 1 ≥ 1200	33.1	71.8	78.0	82.0	84.4	84.5	35,4	85.7	85.8	86.4	86.7	86.7	87.0	87.0	87.1	87.5 90.2
≥ 1000 ≥ 900	34.2	75.5	82.3	86.5	99.1	20.1	90.3	91.5	90.7	91.3	91.6	91.6	92.0	92.0	92.1	92.5
≥ 806 > 00	34.6	76.9	84.0	88.3	91.1 91.5	91.2	92.4	92.7	92.8	93.4	93.7	93.7	94.1	94.2	94.3	94.7
≥ 600	34.8	77,6	85.0	90.0	92.3	92.4		94.0	94.1	94,8	95.1	95.1	95.5 96.3	95.6	95.7	96.1
≥ 400	34.8	78.1	85.9	90.6	93.5	93,7	95.2	95.0	95.7	96.6	96.8	96.8	97.2	97,2	97.3	97.6
≥ 200	34.8	78.2	86.2	90.9	94.0	94.3	96.0	96,3	96.5	97.3	97.7	97.7	98.2		98.4	98,9
≥ ¢	34.5	78,2	86.2	20.9	94.0	94,3	96.0		86.6	97,4	97,9	97.9	98.5	98.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

Child Late Franchist Control

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/5	≥ 1%	ا ڍ	≥ 34	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	23.8 26.6	40.3	43.4 50.1	45.4 52.3	46.9 54.0	47.1 54.2	47.6 54.8	47.9 55.1	47.9 55.1	48.1	48.2	48.2 55.5	48.3 55,6	48.3	48.3	48.5
≥ 18000 ≥ 16000	26.9	46,8	50.6 50.8	52.8 53.1	54.4 54.7	54.7 55.0	55,2 55,5	55.6 55.8	55.6 55.8	55.8 56.0	56.0 56.3	56.0 56.3	56.0 56.3	56.0 56.3	56.1 56.4	56.3 56.5
≥ 14000 ≥ 12000	27.4	47.8	51.7 53.7	54.2 56,1	55.9 57.8	56,1	56.7 58.7	57.0 59.0	57.0 59.0	57,2 59,2	57.4 59.4	57.4 59.4	57.5 59.5	57.5 59.5	57.5 59.6	57.7 59.7
≥ 10000 ≥ 9000	28,5	51.5	55.8	58.3	59.7 60.2	60.5	61.2	61,1	61.5	61.7	61.9	61.5	62.0	61.6	61.6	62.2
≥ 8000 ≥ 7000	29.4	34,1	58,6	61.5	63.4	63.7	64.4	64.8	64.8	65.0	65.2	65.2	65.3	65.3	65.4	65.6
≥ 6000 ≥ 5000	30.3	56,5	61.3	64.3	66.4	66,7	67.5	67,8	67.8	68,0	68,3	66.6	68.3	68,4	66,7	68,6
≥ 4500 ≥ 4000	30.9	58,4	63,4	66,5	68,8	69,1	69.8	70.2	70.2	70.4	70.7	70.7	70.7	70.8	70.8	71.0
≥ 3500 ≥ 3000	32.0	61,5	66.8	70.2	72.7	73.0	73,8	74,1	74.1	74,3	74.6	74.6	71.9	74.7	71.9	74.9
≥ 2500 ≥ 2000	34.8		71.3	75.3	78.1	78.5	79.4	79,8	79.8	80.1	80.4	80.4	70.9 80.5	80.5	80.5	80.7
≥ 1800 ≥ 1500	35.0 35.8	69,3	75.0	79.2	82.2	82.6	83,6	84,0	84.1	84,4	84,7	84.7	84.7	84.8	84.8	85,0
≥ 1200 ≥ 1000	37.1	73.1	79.6	84.5	88.0	88,4	89.6	90.1	90.2	90.5	90.8	90.8	90.9	90.9	90.9	91.1
≥ 900 ≥ 800	37.3	74.3	81.2	86,4	90.3	90,8	92.2	92,8	92.9	93,4	93.7	93.7	93.	93.8	93.9	94,1
≥ 700 ≥ 600	37.4 37.5	75.0	82.3	87.8	91.9	92.5	94.2	94.8	94.9	95.5	95.8	95.8	95.9	96.0	96.1	96,3
≥ 500 ≥ 400	37.5	75,3	82.6	88.4	92.9	9316	95.6	96,4	96.6	97.3	97.7	97.7	97.9	97.9	97.2	98.2
≥ 300 ≥ 200	37.5	75,4	82.7	88.5	93.0	93,8	95.8	96.8	96.9	97.9	98.2 98.4	98.5	98.4	98,4	98.6	
≥ 100	37.5	75,4	82.7	88,5	93.0	93.8	1 1 2 2 2	96.8 96.8	97.0 97.0	97.9 97.9		98.5 98.5	98.8 98.8	98 • 8 98 • 8		99.6 100.0

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0900=1100

CEILING							VISIBIL	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.9	49,9 57,4	50.6 58.2	50.8 58.4	51.0 58.6	51.0 58.6	51.0 58.6		51.0 58.6	51.0 58.6	51.0	51.0 58.6		51.0 58.6	51.0	51.0
≥ 18000 ≥ 16000	47.1	57,7	58.5 58.9	58.7 59.1	58.9 59.3	58,9 59,3	59.3	58,9 59,3	58.9 59.3	59.0 59.3	59.0	59.0 59.3	59.0 59.3	59.0	59.0	59.0 59.3
≥ 14000 ≥ 12000	48.2	57,6	62.4	62.8	62.9	62.9	63.0	63.0	60.8	63.0	63.0	63.0	63.0	60.8	60.8	60.8
≥ 10000 ≥ 9000	50.5	64.2	65.1	65,5	65.7	65,7	65.7	65.7	64.8	65.8	64.8	64.8	64.8	64,8 65,8	64 • 8 65 • 8	64.8
≥ 8000 ≥ 7000	51.8	66,3	67.3	67.8	67.9	67,9	68.0	68.0	66.9	68.0	68.0	66.9	66.9	66,9	66.9	66.9
≥ 6000 ≥ 5000	52.4	68,8	70.0	70.6	70.9	69.2 70.9	71.0	71.0	71.0	71.0	71.0	71.0	69.3 71.0	69.3 71.0	69.3 71.0	69.3 71.0
≥ 4500 ≥ 4000	53.7 54.9 55.8	71.3	70.7	73.2	73.5	71.0	73.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8 73.7	71.8	71,8 73,7
≥ 3500 ≥ 3000	58.3	75,8	77.2	77.9	78,2	78,2	78.4	78,4	78,4	78,5	75.1	75.1 78.5	75.1 78.5	75,1 78,5	75 • 1 78 • 5	75.1
≥ 2500 ≥ 2000	62.9	84.0	85.5	86.4	52.1 86.8	86,9	87.2	87,3	87.3	87,4	87.4	82,4 87,4	82,4	82,4 87,4	82.4	82.4 87.4
≥ 1800 ≥ 1500	65.1	85,3	90.2	91.2	91.7	91.8	92.2	92.3	92.3	92.5	92.5	88.9 92.5	88,9 92.5	88.9 92,5	92.5	88,9 92.5
≥ 1200 ≥ 1000	66.1	90.4 91.8 92.0	93.6	95.0	95.7	95,9	96.4	96.5	96.5	96,8	94.6	94.6 96.8	94.6	94,6	94.6	96.8
≥ 900 ≥ 800	66.3	92.6	94.5	96.1	97.1	96 • 3 97 • 3	97.9	96,9	96.9	98.2	98.2	97.2 98.3	97.2	97 <u>12</u> 98,3	97 • 2 98 • 3	97.2
≥ 700 ≥ 600	66.4	93.0	94.9	96.7	98.0	98.3	98.3	98,5 98,9	98.5	99.2	98.7	98.8	98.8	98,8 99,3	98.8	98.8
≥ 500 ≥ 400	66.4	93,2	95.2	96.9	98.2 98.4	98.5	199.1	99,2	99.2	99.7	99.5 99.7	99.5	99.5	99.5	99,5	99.5
≥ 300 ≥ 200	66.4	93.2	95.2	97.1	98.5	98 · 8	99.4	99,5	99.5	99,8	99.8	99.8	99.9	99,9	99.9	99.9 100.0
≥ 100 ≥ 0	66.4	93,2 93,2	95,2 95,2	97.1	98.5	98 • 8 98 • 8	99.4	99,6 99,6	99.6	99.8	99,9	99.9	100 • 0	100 • 0	100 • 0 100 • 0	100.0

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

MAXWELL AFR ALABAMA/MONTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_1200=1400

CEILING							VISIBI	UTAT2) YTI.	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥5/16	≥ %	≥ 0
NO CEILING ≥ 20000	48.0 58.5	51.5	51.7	51.7 63.1	51.8	51,8	51.8	51,8 63,1	51.8	51,8	51,8	51,8	51.8	51.8	51,8	51,8
≥ 18000 ≥ 16000	58.9	63,7	63,4	63.5	63,5	63,9	63.9	63.5	63.5	63,9	63.5	63.9	63.5	63,5	63.5	63,9
≥ 14000 ≥ 12000	61.4	04,0	66.6	65.0	65 • 0 66 • 7	65.0	65.0	65,0	65,0	65,0	65.0	65.0	65.0	65.0	65.0	66.7
≥ 10000 ≥ 9000	62.4	68,5		68.9	68.9	68.9	65.1 68.9	68,9	68.9	68,9	68.9	68,1	68.9	68,1	68.1	68,1
≥ 8000 ≥ 7000	64.2	70.7	70.0	70.2	70,2 71.3	70 · 2 71 · 3	70.2	70.2	70,2	70.2	70,2 71,3	70.2	70.2	70.2	70.2	70.2
≥ 6000 ≥ 5000	66.6	74,4	74.8	75.0	72,5	75.1	75.1	72,3	72.5	72,5 75,1	72,5	72.5	72.5	72,5 75,1	72.5 75.1	72,5 75,1
≥ 4500 ≥ 4000	70.7	79.6	-000		80.4	76 • 7 80 • 4	76.8 80.5	76.8 80.5	80.5	80,5	80.5	80.5	76.8 80.5	80.5	80.5	80.5
≥ 3500 ≥ 3000	72.4 75.2	85.6	86.1	86.5	86.7	86.7	86.8	#2 · 7 86 · 8	86.8	86,8	86.8	86.8	86.9	82.8	86.9	82.8
≥ 2500 ≥ 2000	77.8 79.7	92,6 93.1	90.0	93.9	90.7	9017	90.8	90,8	94.5	90.8	94.5	90.8	94.6			94.6
≥ 1800 ≥ 1500	80.5	94.0	95.0		96.2	96.2	95.0	96,4	96+4	95.0	95.0	95.0 96.4 97.6	95.0	95.0 96.5 97.7		A 7 2
≥ 1200 ≥ 1000	80.9	95,3	96.5	97.3	97,9	98.0	98.2	98 • 2 98 • 5	98.2	98.3	98.3 98.7	98.3	98.4	98.4	98.4	98.4
≥ 900	81.0	95,7	96.9	97.8	98.4	98.6	98.8	98,8	98.8	99.0	99.0	99.0		99.1	99.1	99,1
≥ 700 ≥ 600	91.1 81.1	95,9	97.1	98.0	98.7	98.8	99.1	99,2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	1 44 7 2
≥ 500 ≥ 400	81.1 81.1	96.0	97.3	98.2	98.9	99,1	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99,9	99.9
≥ 300 ≥ 200 ≥ 100	81.1	96.0		98.2	98.9	99.1	99.5	99.6	99.6	99.8		99.9	, , -	100.0	100.0	100.0
≥ 0	81.1	96,0	1 11/3	1 2 7 7			. ~		_ A A I		ا۔ عہا		100.0	100.0		100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_1500-1700

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/5	≥ 1%	≥1	≥ ¾	≥ %	≥ %	≥5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.2	54.2	68.6	54.5 68.7	54.5 68.7	54.5	2 - 1	54.5 68.7	54.5	54.5 68.7	54.5	54.5	54.5	68.7	54,5	68.7
≥ 18000 ≥ 16000	65.0 65.6	69.1 69.8			69,4 76,0	70+0	70.0	69,4 70,0	70.0		70.0	70.0		70.0	70.0	70.0
≥ 14000 ≥ 12000	67.8	71.0 73.0	71.1	71,3	71.3 73.3	71.3	71.3	71.3		71,3	71,3	71,3		71.3	71,3	71,3
≥ 10000 ≥ 9000	69.4	75.4	75.5	75.6	75.5 75.6	75.5	75.5	75.5 75.6	75.6	75.6		75.5		75.6	75.5 75.6	
≥ 8000 ≥ 7000	70.3 71.0	78,0		77.0	77.1	77.1	77.1	78,4	77.1	77,1 78,4	77.1 78.4	77.1	77,1	78.4	78.4	77.1 78.4
≥ 6000 ≥ 5000	72.1	79,8 82,2	82.5	82.8		80,3	83.0	83.0			80.3	83.0	83.0	83.0	83.0	
≥ 4500 ≥ 4000	76.4	83,7	86,8			87,4	87.4	87,4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	84.5
≥ 3500 ≥ 3000	77.6			92.0		92,4	92,4	92,4	92.4	92.4	89.2 92.4	92.4	92.4	92.4	92.4	89+2 92-4 94-3
≥ 2500 ≥ 2000	80.2	92,5	94.8		96.0	96.0	96.2	94,3		96.2	96.2	96.2	96.2	96.2	96.2	96,2
≥ 1800 ≥ 1500	81.4	95.2	95.2	95,9	96.4 97.4 98.3	96+5	97.7	97.7	9767	97.7	97.7	96.6 97.7 98.7	97.7	97.7	97.7	97.7
≥ 1200 ≥ 1000	81.6 81.6	96.2	96.7 97.0		98.6	98.7	98.9	98,9		99.0	99.0	99.0	99.0	99.0	99+0	99.0
≥ 900 ≥ 800	81.7	96,4 96,4	97.3	98.2	99.0	99.2	199.4	99,4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700 ≥ 600	81.8	96.5	97.5	98.3	99.2	99.4				99.8	99,8	99.8	99.8	99.8	99.8	99.8
≥ 500 ≥ 400	81.8	96.5		98.4	99.2	99.4	99.7	99.7	99.7	99,9	99,9	99.9	99.9	99,9	99,9	المانسطا
≥ 300	81.8	96,5	97.5	98.4	99.2	99.4	99.8	99,8	79.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	81.8			98,4	1 44 7			99,8								100,0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3129

#### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MUNTGOMERY

37-41,43-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VISIBIL	IUTATS) YTI.	(E MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21⁄2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ 1/3	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	48.6	60,3 71.0	61.1	61.3	61.6	61.6	61.7	61.7	61.7	61.7 72.7	61.7	61.7	61.7	61,7	61.7	61.7
≥ 18000 ≥ 16000	56.9 57.2	71.5	72.4	72.7	73.1 73.6	73.1	73.2	73,2 73,6	73.2 73.6		73,2	73.2	73.2	- 77	73.2	73.6
≥ 14000 ≥ 12000	58.2 59.7	73.6	76.9	74.8	75.2 77.6	75.2	75.2	75 · 2 77 · 6	77.6	75,2	75.2	75.2	77.6	75.2	75.2	77.6
≥ 10000 ≥ 9000	61.4	78.1 78.6	79.2		80.4	79.8 80.4	79.9	80.4	80.4	80.4	79.9 80.4	79.9	80.4	79.9 80.4	79.9 80.4	79.9 80.4
≥ 8000 ≥ 7000	62.6	80.8	82.0		82.8	82.8	82.8	82.8	82.8	81.5	82.8	82.8		82.8	81.5	82.8
≥ 6000 ≥ 5000	64.6	82,4	86.5	87.1	87.5	87,5	87.6	87.6	87.6		87.6	87.6			87.6	84.5
≥ 4500 ≥ 4000	65.7	87,6	89.1	87.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
≥ 3500 ≥ 3000	66.9	90+1	90.1	92.6	93.2	93.2	93.3	91,4	93.3	91,4	91.4	91.4	91.4	91,4 93,3	91.4	91.4 93.3 94.6
≥ 2500 ≥ 2000	67.7	92,6	94.4	95.4	96.0	96.0	96.2	94.6 96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96,2
≥ 1800 ≥ 1500	67.7	93,6		96.6	96.4 97.2	96.4	96.5	97.5 98.1	96.6	96.6 97.5 98.2	97.5	96.6	97.5	96.6	96.6 97.5	4 - 7 -
≥ 1200 ≥ 1000	68.0 68.1	93,9	96.0	97.5	98.5	98 , 5	98.1	98.8	98.1 98.8 98.9	98.8	0.00	98.8	98.9	98.9	98.9	98.9
≥ 900 ≥ 800	68.2	94.6	96.7	98.0	98.9	99.0	99.4	99,4	99.4	99.4	99.4	99.4	99.5	1 4 7 7	99.5	99,0
≥ 700 ≥ 600	68.2	94.6	96.8	98.0 98.0	99.1	99,2	99.6	99.6	99.6	99.6	99.6 99.7 99.7	99.7	99.7	99.7	99.7	99.7
≥ 500 ≥ 400	68.2	94.6	96.8	98.0	99.1	99.3	99.6	99.5	99.6	99.7	99.8	99.8		99.8	99.8	99.8
≥ 300 ≥ 200	68.2	94,7	96.8	98.1	99.3	99.5	99.8	99,8	99.8	99,9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	68.2	94.7	96.8		1 : : :			1		99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

3125

USAF ETAC 101 40 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

13821

C

MAXWELL AFB ALABAMA/MONTGOMERY
STATION HAME

37-41,43-72

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISIBIL	ITY (STATU	re miles)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.9	65.0	66.6 73.4	67.5	68.1	68 • 2 75 • 0		68,2 75,0	68.2 75.0	68.2 75.0	68.2 75.0	68.2 75.0	68.2 75.1	68.2	68.2 75.1	68,2 75,1
≥ 18000 ≥ 16000	47.1 47.6	72.6	73,8 74,5	74.6	75.3 75.9	75.4 76.0	75.4	75.4 76.0	75.4 76.0	75.4 76.0	75,5 76,1	75.5 76.1	75.5 76.1	75.5 76.1	75.5 76.1	75.5 76.2
≥ 14000 ≥ 12000	48.5	74.0	75.9 77.8	76,9 78,8	77,4	77.5 79.4	77.5	77,5	77,5	77.5	77.5 79.5	77.5 79.5	77.6	77,6	77.6	77,6
≥ 10000 ≥ 9000	50.5	78.0	80.0	81.0	81.5	81.2 81.6	81.2	81,2 81,6	81.6	81.2	81,3	81.3	81.3	81,3 81,7	81.7	81.4
≟ 8000 ≥ 7000	51.2 52.0	79.2	81.3 82.7	82.3	82.8	82.9 84.4	82,9 84,5	82.9	82.9	82.9	82.9 84.5	82.9 84.5	83.0 84.5	83+0 84+5	83.0	83.0
≥ 6000 ≥ 5000	52.3 52.9	81.6 83.1	84.1 85.6	85,2 86,8	85.8	85.8 87.5	85.9 87.5	85.9 87.5	85.9	85,9 87,5	85.9 87.5	85.9 87.5	86.0 87.6		86.0	86.0 87.6
≥ 4500 ≥ 4000	53.0 53.5	63.7 84.9	87.7	87,6 88,9	89.6		88,4	88.4	88.4	88,4	88.4	88.4	88.4	88,4	88,4 89.8	88,5
≥ 3500 ≥ 3000	53.9 54.5	85.8	88.7 90.3	90.0 91.7	90.6	90.7	90.8	90.8	90.8	90.8 92.5	90.8	90.8	90.9		90.9 92.6	90.9
≥ 2500 ≥ 2000	54.7 55.2	89,7	92.9	93.0	93.7	93.7	93.8	93.8 95.3	93.8	93.8	93.9 95.4	93.9	93.9 95.4	93,9	93.9 95.4	94,0 95,5
≥ 1800 ≥ 1500	55.3 55.6	90.0	94.2	95.7	96.5	96.6	95.7	95,7	95.7	96.7	95.8	95.8	95.8	95.8	95.8	95.9
≥ 1200 ≥ 1000	55.6 55.8	92,1	95.2	96.7 97.4	97.6	98.5	98.6	97.9	97.9 98.6	98.6	97.9	97.9	97.9	97,9 98,7	97.9	98.0 98.8
≥ 900 ≥ 800	55.8	92.2	96.1	97.7	98.8	98.6	98.8	98 • 8 99 • 1	98.8 99.1	98.8	98.8 99.1	98.8 99.1	98.9	98.9 99.2	98.9	99.2
≥ 700 ≥ 600	55.8 55.8	92,4	96,2 96,3	97.8	99.0	99.1	99.3	99,3 99,3	99.3	99.3	99,3	99.3	99.3	99.4	99.3	99,4
≥ 500 ≥ 400	55.9 55.9	92,4	96.3	97.9	99.0 99.1	99.1	99.4	99,4	99.4	99.4	99.4 99.6	99.4	99.5	99,5	99,5	99.5
≥ 300 ≥ 200	55.9 55.9	92,4	96.4	98.1	99.2	99.3	99.5	99.6	99.6	99.7	99.7 99.7	99.7	99.8	99,7	99.7	
≥ 100 ≥ 0	55.9 55.9		96.4 96.4	98.1 98.1	99.3		99.6	99,6 99,6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.8	99,8	99.8	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

310

USAF ETAC 101 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE COSCIETE

#### CEILING VERSUS VISIBILITY

 $\mathbf{C}$ 

 $\mathbf{C}$ 

 $\mathbf{O}$ 

**(**`

€

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0000=0200

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2⅓	≥ 2	≥11/2	≥ 1%	≥ 1	> %	≥ ¾	≥ ⅓	≥5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	36.6 39.6			70.6 75.7	70.9 76.1	70.9 76.1	71.1	71.2 76.4	71.2 76.4	71.2 76,5	71.3 76.5	71.3 76.5	71.4	76,6	76.6	
≥ 18000 ≥ 16000	39.8 40.2	72,5		76.0 76.7	77.1	76,4	77.3	76,7 77,4	76.7	76,8	76,8	76.8	76.9		76.9	77,0
≥ 14000 ≥ 12000	40.9	74.7	77.3	78.2 80.7	81.1	78,7 81.1	78,9	79.0 81.4	79.0 81.4	79.0 81.5	79.1 81.5	79.1 81.5	79.2 81.6	79,2 81,6	81.6	81.7
≥ 10000 ≥ 9000	42.8	79,4	82.4	82.5	83.9	83,2 83,9	84,2	84.3	84.3	84,3	84.4	83.7	84.5	84,5	83.8	84,5
≥ 8000 ≥ 7000	44.0	81.2 82.1	85,3	85.3	87.0	85,8 87,0	87,2	86,2 87.3	87,3	86,2	87.4	87.4	87.5	87,5	87.5	86,4
≥ 6000 ≥ 5000	44.6		86.2 87.4	87,4	89.3	87.9	89.6		89,7	88,3 89,7	88,3 89,8	58.3 89.8	89.9	89.9	89.9	90.0
≥ 4500 ≥ 4000	45.1	- T - T -	88.5	99.2 90.0	90.7	89,8 90,7	90.1	90+2 91+0	90.2	90.2 91.1	90.3	91.1	90.4	90,4	90.4	90,4 91,3
≥ 3500 ≥ 3000	45.6	85.7	90.1	90.6	92.4	92,5	92.7	91,6	91.6	91.7 92.8	91,7 92,9	91.7	91.8	91,8	93.0	93.1
≥ 2500 ≥ 2000	46.5	88,2	91,	92.7	73.4 94.2	93,5	93.7	93,8	93.8	94,6	93.9	93.9	94.8	94.8	94.8	94,9
≥ 1800 ≥ 1500	40.7	89,2	92,9	93,9		95,2	95.7	95,1 95,9	95.9	95,1 95,9	95.2	95.2	95.3	95,3 96,1	95.3	95.3
≥ 1200 ≥ 1000	47.4	90.7	94.5	96.3	96.2	96.3	97.3	96,7	96.7	96.8	97,7	96.8	97.8	96,9	96.9	
≥ 900 ≥ 800	47.7	90,8	94.9	96.5	97.3	97.3	1	97•7 98•0	77.7	97.8	97,9 98,2	98.2	98.3	98.3	98.0	98.1
≥ 700 ≥ 600	47.8	91+3 91+4	95.2	97.0	97.9	97.8	98.2	98 <sub>1</sub> 3	78·3 98·4	98,4	98,5	98.5	98.6 98.7	98.6	98.6	
≥ 500 ≥ 400	47.8		95.8	97.1	98.6	9814 9816	199.0	98,9 99,2	78.9	99.1	99.5	99.1	99.2	99.6		99.7
≥ 300 ≥ 200	47.8	91.8	95.9	98.0	78.8	9817 9819	199.0	99,4	99.3	99,5	99.0		99.8	99.8		
≥ 100 ≥ 0	47.8		ه خرا ا			1771	199.2			1 - 1 7 1	99.7		99.8	1 4 - 1 -		99,9 100.0

USAF ETAC RIGHT 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCIETE

#### **CEILING VERSUS VISIBILITY**

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBI	UTATZ) YTE	TE MILES)					_		
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/1	≥ 2	≥1%	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
> 50000 NO CEIFIN	25.4	52,6 58,3	63.3	59.6 65.8	67.5	67,7	68.6		62.2	62.5	62.5	62.5	69.4			
≥ 18000 ≥ 16000	25.4 25.6		63.9	66.3	67.6 68.0		68,7	68,9	69.3	69.1	69.2	69.2 69.6		- 1	70.0	69.7 70.1
≥ 14000 ≥ 12000	26.1	7			69.3 72.2	72.4	70.4	70,6	70.6 73.5	70.8	70.9	70.9	71.3	71,3 74.2	71.3	71.4
≥ 10000 ≥ 9000	27.9	64,9	70.8	73.5	75.3	75.5	76.5	75.6	75.7	75.9	76.0	76.0	77.3	76,4	76.4	76.5
≥ 8000 ≥ 7000	28.8 29.2 29.5	67,3	73,3	76.2	78.1	77.0	75.0	78 • 1	79.4	78.4 79.6	78,5 79,7	78.5 79.7	78.8	78,9 80.1	80.1	79,0 80,2
≥ 6000 ≥ 5000	29.8	69,8	76.1	79.2	81.1	79,5 81,2	82.2	82.4	82.4	80.9	51.0 52.7	82.7	83,1	83,1	81.4	83.2
≥ 4500 ≥ 4000	30.1	71.2	77,7	80.8	82.7	81.8	83,8	84.0	84.0	83,2 84,2	84,3	83.3	84.7	84.7	83,7	84.8
≥ 3500 ≥ 3000	30.6	73.0		82.9	84.9	85.1	86.0	86.2	86.2	86,4	86.5	86.5	86.9	86,9	87.0	-
≥ 2500 ≥ 2000	31.2	75.4	82.4	85.9	87.9	86.2	89.0 89.6	89,2	89,2		89.6	89.6	89.9	89,9	90.0	90.1
≥ 1800 ≥ 1500	31.8	76,9	7 7 7	87,7	89.6	89.8	90.8	91,0	91.0	91.2	90.2	91.3	91.7	91.7	90.6	90.7
≥ 1200 ≥ 1000	32.9	79.5		90.7	92.8	93.0	74.0	94.2	94.2	93.0	93.1	94.7	93.5	93,5	93.5	93.7
≥ 900 ≥ 800	33.0	80.6	87.9	92.0	94.1	93.5	95,4	95,5	95.5	95,9	95.3	96.0	96.4	96.4	95.7	95.8
≥ 700	33.2	81.0	88,6	92.8	94.9	95,1	96.3	96,5	96.5	96.9	96.7	96.7	97.4	97,1	97.5	
≥ 500 ≥ 400	33.2	81.6	89.2	93.7	95.9	96.1	97.4	97.6	97.6	97,9	98,1	97.8 98.1	98.2 98.5	98,2	98 • 2 98 • 6	98.4
≥ 300 ≥ 200	33.2	81.7	89.3	93.9	96.0	96.4	97.8	98.1	98.1	98,2	98.4	98.4	98.8	98.8	98.8	99.5
≥ 100	33.2		89.3	1 A T T _ 1	96.1 96.1	96 • 4 96 • 4	97.9	98 • 1 98 • 1	98.1 98.1	98.5 98.5	98.7 98.7		99.2		99.4	99.7 100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 100M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **CEILING VERSUS VISIBILITY**

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0600=0800

CEILING							VISIBIL	ity (Statu)	(E MILES							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ ¼	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	23.5 27.5	46,8	50.2 59.3	52.5 62.1	53.6 63.4	53.7 63.5	54.0 63.9	54.2 64.0	54.2 64.0	54.3 64.1	54.4 64.2	54.4 64.2	54.4 64.2	54,4 64.2	54.4 64.3	54.4
≥ 18000 ≥ 16000	27.5	55,3	59.5 59.7	62.5	63.8	63.7	64.3	64.2	64.5	64.6	64.6	64.6	64.4	64.6	64.4	64.4
≥ 14000 ≥ 12000	27.9	56,5 59,1	61.0 63.9	63.5	65.1	65.3	68,6	65.8	68.8	68.9	68.9	66.0	66.0	68,9	69.0	69.0
≥ 10000 ≥ 9000	30.2 30.6	61.7	66.7	69.1	70.5	70,7	71.0 71.6	71.8 71.8	71.8	71.4	71.4 72.0	71.4	71.4	71.4	71.5	71.5
≥ 8000 ≥ 7000	31.4	64.0	69.3	71.1	72.5	72.7	73.0	73.2 74.5	73.2 74.5	73.3 74.6	73.4	73.4	73.4	73,4	73.5	73,5
≥ 6000 ≥ 5000	32·1 32·3	65,2 66,3	70.5	73.5	76.2	75•1 76•4	75.5	75,7	75.7 77.0	75.8 77.1	75.9 77.2	75.9 77.2	75.9 77.2	75.9 77.3	76.0 77.3	76.0 77.3
≥ 4500 ≥ 4000	32.5	67,9	72.3	75.4	76.8	77.0 78.3	77.5	77,7	77.7	77.8 79.0	77.8 79.1	77.8	77.9	77,9 79,2	78 • 0 79 • 3	78.0
≥ 3500 ≥ 3000	33.0	69,4	74,9	77.2	79.8	78.8 80.0	80.4	79.5 80.6	79.5 80.6	79.6 80.7	79.6	79.6 80.8	79.7 80.8	79.7 80.9	79.8 81.0	79.8
≥ 2500 ≥ 2000	34.2 35.0	72,3	70.3 78.0	81.4	82.9	83.1	83.6	83.8	83.8	83.9	84.0	82.2	82.2 84.0	84.0	82.3	82.3
≥ 1800 ≥ 1500	35.3	75.1	81.0	84,4	86.0	86.3	86,9	87.1	87.1	87,2	87.3	87.3	87.3	85 • 0 87 • 3	87.4	85,1
≥ 1200 ≥ 1000	37.6	79.8	86.3	90.3	92.2	92.6	93.1	90,1	93.3	90.2	90.3	93.5	90.3	93.6	90.5	90.5
≥ 900 ≥ 800	38.2	81,5	88,3	92.4	94.4	94.7	95.3	93,9 95,6	93,9	95.7	95.8	95.8	95.8	94.2	96.0	94.3
≥ 700 ≥ 600	38.6	82.6	89.7	93.9	96.0	96.4	96.0	96.3 97.3	96.3 97.3	96,5	96.5	96.5	96.6	96 • 7 97 • 7	96.8	96.8
≥ 500 ≥ 400	38.7 38.7	82.7	89.9	94.2	96.5	96+8	97.6	97.9	97.9	98.1	98.2	98.2	98.3	98 • 4 98 • 8	98.5 98.9	98.9
≥ 300 ≥ 200	38.7	82.9	90.0	94.4	96,7	97+1		98,4	98.4	98.7	98.9 99.1	99.0	99.2	99,3	99.4	99.5
≥ 100 ≥ 0	38.7 38.7	82.9 82.9	90.0	94.4	96.7 96.7	97•2 97•2	_ in * =	98.5	98.5 98.5	99.0	99.1 99.1	99.2 99.2		99.6 99.6	99.8 99.8	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS\_

USAFETAC RESS 0-14-5 (OLA) PREMIOUS PORTORIS OF THIS FORM ARE OBSOLETE

Management alternative - Chin

#### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1%	2 1	≥ 34	≥ %	≥%	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	44.3	54.1 63.9	54.7 64.5	54.8 64.7	55.0 64.9	55.0 64.9	64.9	55.0 64.9	55.0 64.9	55.0 64.9	55.0 64.9	55.0 64.9	55.0 64.9	55.0	55.0 64.9	55.0
≥ 18000 ≥ 16000	52.1 52.3	64,1	64,8	64.9 65.2	65.3	65,4	65.4	65.4	65.4	65,4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000 ≥ 12000	53.1 54.5	67.7	68.4	66.6	68.7	68.8	68.8	68,8	68.8	68,8	68,8	68.8	68,8	68,8	68.8	68.8
≥ 10000 ≥ 9000	56.0 56.6	70,3	70.2	71.3	70.5	70,6	71.5	70,6	70.6	71.5	70.6	70.6	70.6 71.5	70.6 71.5 72.4	70.6 71.5	71.5
≥ 8000 ≥ 7000	57.7	72,1	72.0	73.2	72.3	72.4	72.4	72.4	73.4	72.4	72.4	72.4	73.4	73.4	73.4	73.4
≥ 6000 ≥ 5000	58.4 59.0	74,3	75.3	75.6	75.7	75.8	75.8 76.3	75.8	75.8	75.8 76.3	75.8	75.8	75,8	75.8	75.8	75.8
≥ 4500 ≥ 4000	59.3 60.7	76,7	77.7	78.0	78.1	78.2	_ = -	78.2	78.2		78.2	78.2	78.2	78.2	78.2	
≥ 3500 ≥ 3000	64.7	81.9	83.0	83.3	83.5	82	-5	83.5	83.5	83.5	83.5 87.5	83.5	83.5	87.5	87.5	1 2 7 2
≥ 2500 ≥ 2000	70.2	89,3	90.4	90.8	91.0	91+1	71.1	91·1 92·4	91.1	91.1	91.1	91.1	91.2	91.2	91,2	91.2
≥ 1800 ≥ 1500	71.8	93,4	94.6	95.1	95.4	95.5	95.5	95,5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5 97.1
≥ 1200 ≥ 1000	72.9	95.6	97.0	97.6	0 0	98.0		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1 98.5
≥ 900 ≥ 800	73.1	96.3	97.7	98.3	98.8	98.9	99.4	99.1	99.1	99.1	99.1	99.5	99.5	99.2	99.2	99.5
≥ 700 ≥ 600 ≥ 500	73.1	96.5	97.9	98.6	99.2	99,3	99.4	99.5	99.5	99.6		99.8	99.6	99.8	99.6	
≥ 500 ≥ 400 ≥ 300	73.1	96,6	98.0	98.7	99.4	99,6	199.8	99,8	99,9	100.0		100•0 100•0	100.0			100.0 100.0
≥ 200 ≥ 100	73.1	96,6	98,0	98.7	99.4	99,6				100.0	100.0	100.0	100.0	100,0	100.0	100.0 100.0
≥ 0	73.1	96,6	98,0	98.7	99,4	99.6	199.8	99,8	99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TO AL NUMBER OF OBSERVATIONS

<u> 323:</u>

USAF ETAC ALL O.14.5 (OL A) HEYOUS EDITIONS OF THIS FORM ARE CASOLETE

C20+

#### **CEILING VERSUS VISIBILITY**

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY ĮSTATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	21%	≥ 1%	≥ 1	≥ 1/4	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	47.9 59.0		51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	
≥ 18000 ≥ 16000	59.4	64.2 64.5	64.6	64.6	64.2	64.2	64.6	64.6	64.6	64.2	64.2	64.2	64.2	64.2 64.6	64.6	64.6
≥ 14000 ≥ 12000	60.7	65,6	65.7	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	65.7	67.4	67.4	65,7	65,7
≥ 10000 ≥ 9000	63.1	69,1	69.2	69,2	68.8	69.3	68.8	68.8	69.3	68.8	69,3	68.8	68.8	69.3	68.8	68,8
≥ 8000 ≥ 7000	65.1	70.2	70.4 71.2	70.4 71.2	70.4 71.3	70,4 71,3	70.4	70,4	70.4	70.4	70.4	70.4	70,4	70.4	70.4	70.4
≥ 6000 ≥ 5000	67.8	72.2	72.4 75.0	72.4	72.5	72.5	72.5	72,5	72.5	72.3	72,5 75,2	72.5	72.5	72.5	72.5	72.5
≥ 4500 ≥ 4900	74.3	77.3 82.2	77.6 82.5	77.6 82.5	77.7 82.7	82.7	77.7 82.7	77,7 82,7	77.7 82.7	77.7	77.7 82.7	77.7	82.7	77.7	82.7	77.7 82.7
≥ 3500 ≥ 3000	81.6	90.8	91.1	91.2	91.3	91,3	91.4	91,4	91.4	91,4	91.4	91.4	91.4	91.4	91.4	86,9 91,4
≥ 2500 ≥ 2000	84,8	95,9	96.4	96.5	95,8	96,8	96.9	94,4	97.0	94.4	94.4	94.4	97.0	94.4	94.4	
≥ 1800 ≥ 1500	85.3	96,1	96.6	97.7	98.1	98.1	98.3	97,3	98.3	98.3	98.3	97.3 98.3	97.3	98.4	97.3	97,3 98,4
≥ 1200 ≥ 1000	85.5	97.6	98.2	98.5	98.9	98.9	99.1	98,9	99.1	98.9	99.2	98.9	98.9	98.9	98,9	98.9
≥ 900 ≥ 800	85.6	97,8	98,4	98,7	99,1	99.2	99.2	99,4	99.4	99.4	99.4	99.5	99.5	99.4	99.4	99.4
≥ 700 ≥ 600	55.6 55.6	97,8	98.5	98.9	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.6	99.7	99.7	99.6
≥ 500 ≥ 400	85.6	98.0	98.7	99.0	99.4	99.5	99.7	99,8	99.8	99.8	99.8	99.8	99.9	99,9	99.9	99,9
≥ 300 ≥ 700	85.6	98.1	98.7	99.0	99,5		99.8	99.8	99.8	99.8	99.9	99.9	100.0			100.0
≥ 100 ≥ 0	85.6	98.1	98.7	99.0	99,5	99.5	99.8	99.8	99.6	99.8	99.9		100.0		100.0	

TOTAL NUMBER OF OBSERVATIONS\_

3237

USAF ETAC PRO 0-14-5 (OLA) HEVIOUS COTIONS OF THIS FORM ARE CISCRETE

#### **CEILING VERSUS VISIBILITY**

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_1500-1700

CEILING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥1%	≥ 1%	≥ i	≥ 3/2	≥ ¾	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	51.2 65.1	69.5				54.1	69.5			69.5	54.1	54.1			54.1 69.5	54.1 69.5
≥ 18000 ≥ 16000	65.4	70.5	70.0	70.0	70.5	70.0 70.5			70.0 70.5		70.0 70.5	70.0 70.5		70,0 70,5	70.0 70.5	70.0 70.5
≥ 14000 ≥ 12000	69.7	74.6	74.7	74.7	71.5	71.5	74.7	71.5	71.5	71.5	71.5	71.5	71.5	71,5	71.5	71.5
≥ 10000 ≥ 9000	71.3 72.1 73.2	76.0 77.8 79.1	77.9	77.9	77.9	77.9	76.9	76.9 77.9	76.9	76.9	76.9	76.9	77.9	76.9	76.9	76.9
≥ 8000 ≥ 7000	74.7	80.9	81.0	81.0	81.1	81.1	81.1	81.1 83.0	79.2 81.1	81.1	79,2 81,1	79.2 81.1	81.1	79,2 81,1	79.2 81.1	81.1
≥ 6000 ≥ 5000	77.9	85.3	85.5	85.5	85.6	85.6 87.2	85.6	83.0 85.6 87.2	85.6 87.2	83.0 85.6	83.0 85.6	83.0 85.6	85.6	83,0	85.6	83.0
≥ 4500 ≥ 4000 ≥ 3500	81.0	89.4	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	84.0	93.5	93.8	94.0	94.1	94.1	94.2	94.2	94.2		94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	85.3 85.5	95.9	96.3	96.6	96,9	96.9	97.1	97.2	97.2	97.5	97.2	97.5	97.3	97.3	97.3	97.3
≥ 1500	85.8	96,9	97.3	97.8	98.1	98.1	98.3	98.4 99.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 1000	86.0	97.6	98.1	98,5	99.0	99.0	99.4	99,4	99.4	99,5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	86.1 86.1	97.8	98.3	98.7	99.2	99,2	99.6	99,6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	86.1	97.8	98.3	98.8	99.2	99.3	99.6	99,7	99.7	99.8	99.8	99.8	99.8	99,8	99.9	99.9
≥ 400 ≥ 300	86.1	97.8	98.3	98.8	99.2	99.3	99.6		99.7	99.8	99.8		99.9	99,9	100.0	100 0
≥ 200	86.1	97.8	98.3	98.8				99,7	99.7	99.8	99.8	99.8		99.9	100 · 0	100.0
≥ 0	86.1	97,8	98.3	98,8	99.2	99,3	99.6	99.7	99.7	99.8	99.8	99.8			100.0	

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC NEW 0-14-5 (OLA) PHYNOUS EDITIONS OF THIS FORM ARE OBSOLUTE

### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_1800=2000

CEILING							VISIBIL	ITY (STATUI	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥1%	≥ 1	≥ ¼	≥ %	≥%	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	48.0	59.5 73.5	59.8 74.0	59.8 74.0	59.9 74.2	59.9 74.2	59.9 74.2	59,9 74,2	59.9 74.2	59.9 74.2	59.9 74.2	59.9 74.2	59.9 74.2			E
≥ 18000 ≥ 16000	59.8	74.2	74.7 75.2	74.7 75.2	74.8 75.4	74,8	74.9	74.9 75.4	74.9	74.9	74.9	74.9	74.9	74,9	74.9	74,9
≥ 14000 ≥ 12000	61.4	76.3 78.5	76.9 79.1	76.9	77,0 79.3	77.0 79.3	77.1	77,1	77.1	77.1	77,1	77.1	77.1	77,1	77.1	77,1
≥ 10000 ≥ 9000	65.4	82.4	83.0	82.4 83.1	83.3	83.3	82.6	82,6	83.3	82,6	83.3	82,6	83,3	83,3	82.6	83.3
≥ 8000 ≥ 7000	56.6 67.2 68.0	85,2	85,8 87.0			85.0	85.0 86.1 87.3	85,0 86,1	55.0 86.1	85,0 86,1	85.0 86.1	85.0	85,0 86,1 87,3	86.1	85.0 86.1 87.3	86.1
≥ 6000 ≥ 5000	69.4	86,2 88,6	1 44 7	87.2 89.6 90.4	89.8	87.3 89.8	39.8	89,8	87,3 89.8 90.6	89.8	89.8	87.3 89.8 90.6	89.8	89.8	89,8	89.8
≥ 4500 ≥ 4000	70.7	91.2	92.2	92.4	92.6	92.6	92,6	92.6	92.6	92,6	92.6	92.6	92.6	- i	92.6	92,6
≥ 3500 ≥ 3000	71.9	94.9		95,5	95.8	95.8	95.8	95.8		95,8	95.8	95.8	ن شور	95.8	95,9	95.9
≥ 2500 ≥ 2000 ≥ 1800	72.5	95,5	96.9	97.2	1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	0.00	0 4 4	97.7
≥ 1500 ≥ 1500 ≥ 1200	72.8	96.1		97.9	98.3	98.3	98.4	98,5	98.5	98,5	98,5	98.5	98.5	98.5	98.5	98.5
≥ 1000	73.1	96.8		98,9	99.3	99.4	99.4	99,5	99.5	99.5	99.5	99.5	99.6			
≥ 800	73.1	96.8	98.5	98.9		99,4	99.4	99,5	99.6	99.5	99.5	99.5	99.6	99,7	99.8	99.8
≥ 600	73.1	96.9	98.6	99.0	99.6	9916	99.7	99,7	99.7	99.8	99.8	99.8	99.9	1 3 1 3 1	1 1113	1 3 3 7 7
≥ 400	73.1	96.9	98.6	99.1	99.6	99+6	99.7	99.8	99.8	99.8	99.8				99.9	100.0
≥ 200 ≥ 100 ≥ 0	73.1 73.1 73.1	96.9	98.6 98.6	99.1	99.6 99.6		99.8	99.8	99.8			99.9	99.9	99,9	100 • 0 100 • 0	

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC 108M 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE CASCULETE

#### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM-HOURLY OBSERVATIONS)

2100-2300

CEILING							VISIBI	LITY (STATU	re wiles)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 1⅓	≥ 1%	ן ≤	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.4	69.2 76.3	70.5		71.0 78.5	71.0 78.5	71.1		71·1 78·5	71.2 78.6	78,6	71.2 78.6	78.6	78.6	78.6	
≥ 18000 ≥ 16000	49.8 50.0	76,5	78.0 78.5	78.5	78.7 79.2	78.7	78.8	78.8	78.8	78.9 79.4	78.9 79.4	78.9	78.9	78,9 79,4	78 ° 9 79 • 4	78,9
≥ 14000 ≥ 12000	50.7 51.8	78,5 80,7	80.1	80.7 82.9	80,9	80,9	83.2	83,2	83.2	81,1	83,3	81.1 83.3	81.1	81,1	83.3	81.1
≥ 10000 ≥ 9000	53.4 53.7	83.4 83.8	85,1	86.1	86.4	86,4	86.5	86.5	86.5	\$6,6	86.6	86.6	86.6		86.6	86,6
≥ 2000 ≥ 7000	54.6 55.2	85,6 36,5	87.4	88.0 89.0	88.3 89.3	88,3	88,4	88,4 89,4	89,4	88,5	88,5 89,4	89,4	88.5 89.4	88,5	88.5	88,5
≥ 6000 ≥ 5000	55.7	87.8 89.2	91.3	90.4	90.7	90.7	90.8	90 · 8	90.8	90,9	90,9 92,4	90.9	90.9	90,9	90.9	90,9
≥ 4500 ≥ 4000	56.8	90.4	92.6	92.3	92.7	92.7	92.7	92.7	92.7	92.8	92.8 93.8	92.8 93.8	92.8	92,8 93.8	92.8	92.8
≥ 3500 ≥ 3000	57.0 57.3	91.2	93.4	94.2	94.6	94,6	94.6	95.9	94.7	94.7	94,8 95,9	94.8	94.8	94.8	94.8	94.8
≥ 2500 ≥ 2000	57.5 57.7	93.3	95.8	95.9	96.5	9615	97.4	96.5	96.5	96.6	96,6	96.6	96.6	96,6 97,6	96.6	96,6 97,6
≥ 1800 ≥ 1500	57.8	93.5	96.0	97.0	97.6 98.1	98.1	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97,8
≥ 1200 ≥ 1000	58.3 58.3	94.5	96.9	97.9	98.5	9813	98.9	98.6 99.0	98.6	98.7 99.0	98.7 99.1	98.7	98.7	98,7 99,1	98.7	98,7 99,1
≥ 900 ≥ 800	58.3 58.3	94.7	97.3	98,5	99.0	99.1	99.1		99.2	99,2	99,3	99.4	99.1	99,3	99.5	99.3
≥ 700 ≥ 600	58.3	94,8	97.4	98.7	99.2	9912	199.3	99.4	99.4	99.5	99.5	99.5	99.5	99,5	99.5	99.7
≥ 500 ≥ 400	38.3 58.3	94,8	97.6		99.5	99+6	1.00	99.7	99.7	99,8	99.9	99.9	99.9	99,9	99.9	1 7 . 1 . 1
≥ 300 ≥ 200	28.3 28.3	94,9	97.6	4	1 1 1 1 7	99+6		99.8		99,9	99,9			100+0		
≥ 100 ≥ 0	58.3 58.3		97.6	1	99.6	1	1 :	99.8		1 2272						100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 3184

USAF ETAC 104 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **CEILING VERSUS VISIBILITY**

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-71

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0000=0200

CEILING							VISIBIL	UTATZ) YTI.	re miles)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥1¼	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	39.3	76.4	72.0 78.7	73.0 79.8	73.6	73.7	73.7	73,7	73.7	4	73.8	73.8			73.8	73.8
≥ 18000 ≥ 16000	43.1	76,6	78,9	80.0 80.7	80.6	80,6 81,4	80.8	80,8 81,5	80.8	80.8 81.5	80.8	80.8	4 7 5	80.8	80.9	80.9
≥ 14000 ≥ 12000	43.8	78,6	83.5	84.6	82.6	82.6	85.4	82,5	85.4	82,8 85,4	82,8	82.8	82.8	82.8	82.9	82,9
≥ 10000 ≥ 9000	46.4 46.8	83,8	86,4	87.5	88.2	88+2	88,3	87,7 88,3	88.3	88,3	88.4	88.4	88,4	87,8	88.5	88.5 89.4
≥ 8000 ≥ 7000	47.2	85,3	88.0	89.1	89.7	89,8	89.3	89,3 89,9	89.9	89.9	90.0	90.0	89.4 90.0	90.0	90.0	90.0
≥ 6000 ≥ 5000	47.8	87.0		90.9	91.6	90+5		91.8	91.8	91.8	91.9	91.9	90.7	90.7	90.7 91.9 92.4	90.7 91.9 92.4
≥ 4500 ≥ 4000	48.4	88,4	91.4	92.5	93.2	93.3	93.4	93,4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500 ≥ 3000 ≥ 2500	48,8		92.7	93.9	94.6	94,6	194.8	94.8	94.8	94,8	94.9	94.9	94.9	94,9	95.0	95.0
≥ 2500 ≥ 2000 ≥ 1800	49.2	91.0	94.0	95.3	95.9	96.0	96.2	96.2	96.2	96,2	96.3	96.3	96.3	96.3	96.4	96,4
≥ 1500	49.5	91,6	94.6	95.9	96.6	96 7	96.9	96,9	96.9	96.9	97.0	97.0	97.0	97.0	97.1	97.1
≥ 1000	49.8	92.6	95.6	96.9	97.6	97 .7	98.2	97,9	97.9	97.9	98.0	98.0	98.3	98.0	98.1	98,1
≥ 800	50.0 50.0	93,3	96.4	97.7	98.5	98.5	98.8	98,8	98.8	98,8	98.9	98.9	98,9	98.9	99.0	99,0
≥ 600	50.0	93,7	96.9	98.1	98.9	98.9	199.2	99.2	99.2	99.2	99.4	99.4	99.5	99,3	99.4	99,4
≥ 400	50.1	93,8	97.0	98.3	99.1	99.2	99.4	99.4	99.4	99,5	99.5	99.5	99.6	99,6	99.6	99.6
≥ 200 ≥ 100	50-1	93,9	97.1		99.2	99,3	199.6		99.6					99.7	99.9	
≥ 0	50.1	94.0	97.2	98,5	99.3	99.3	199.6	99,6	99.6	99.7	99,7	99,7			100.0	

TOTAL NUMBER OF OBSERVATIONS.

USAFETAC 102.64 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MUNTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0300-0500

CEILING							VI\$1BI	LITY (STATE	ITE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥1%	≥ 1%	≥1	≥ ¾	≥ 1/4	≥ 1/3	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	30.2	54.5	59.1 67.0	69.5	63.1	63.3	72.4	72.6			64,3 72.9					64,6
≥ 18000 ≥ 16000	30.3	62.6	67.4	69.9 70.4	72.1 72.6	72.3	72.9	73.0	73.0	73.2	73.3	73.3	73.4	73.4		73,6
≥ 14000 ≥ 12000	31.8	66.4	69.6 72.0	72.3	74.5	74.8	75.4	75.6 78.2	75.6	75.7	73.8 75.8 78.5	73.8	73.9	73,9	74.0	74.1
≥ 10000 ≥ 9000	32.9	69,0	74.3 74.8	77.3	79.6	80.5	80.5	80.7	80.7	80.9	81.0	81.0	81.0	78,5	78.7	78.8
≥ 8000 ≥ 7000	33.4	70.0	75.9 77.5	79.0	81.5	81.7	82.3	82.5	82.5	82.7	81.6	82.8	82.9	82.9	81.8	81,9
≥ 6000 ≥ 5000	34.6	73.2	77.9	81.0	83.4	83,7	84,3	84.5	84.5	84.7	84.8	84.8	84.9	84,5	84.6	84.7
≥ 4500 ≥ 4000	35.3	74.4	79.7 80.6	82.9	86.3	85.6	86.2 87.3	86,4	87.5	86,6	86,7	86.7	86.8	86,8	86.5	86.6
	35.7	74.8	82.2	84.3	86.8	87.0	87.7	87,9	87.9	87,6 88,1	88.2	87.7	88.2	87.8	87.9	88,0
- 2500	30.2	70.6	84.1	86.3	90.0	90.3	90.9	89,9 91.1	89.9	90,1	90.2	90.2	90.2	90.2	90.4	90.5
= 1000	36.5	77.8	84.3	87.7	90.2	90.5	91.1	91,3	91.4	91.5	91.4	91.4	91.5	91.5	91.6	91.7
- 1100	37.3	79.9	86.4	89.9 91.2	92.5	92.7	93.4	93,6	92.4 93.6 95.0	93.8	93.9	93.9	93.9	92,8	92.9	93.0
- 100	- 1	81.7	88.5	92.7	94.7	95.0	95.6	95,8	95,9		95.3	95.3	96.2		96.3	95.6
- 700	انت شن	82.5	89.6 90.0	93.2		96.2		97,1	97.2	96,8	97.4		97.5		97.6	97.8
- 220	"	- 17	90.3	94.1	96.8	97.1	97.9	98 - 1	98.1	98.3	98.4	98.4	98.5		98 - 1	98.8
_ 300		39.2	90.6	94.5	97.3	97.5	98.5	98,7	98.7	98,9	99.0	99.0	99,1		99.0	99.1
	38.0	3,2	90.6	94.5	97.3	97.5	98.5	98.7	98,7	99.0	99.2	99.2		99,3	99.4	99.7

TOTAL NUMBER OF OBSERVATIONS\_

3076

USAF ETAC 208M 20164 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **CEILING VERSUS VISIBILITY**

MAXWELL AFB ALABAMA/MUNTGUMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600±0800

CEILING							VISIBIL	UTATE) YTE	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/1	≥ ?	≥ 11/5	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	26.8	47.1 56.0	50.1	52.9 62.6	54.5 64.5	54.7	54.9	55,0 65,1	55.0 65.1	55.2 65.3	55.2 65,3	55.2 65.3	55.2	55.2 65.3	55.2 65.3	55,3 65,3
≥ 18000 ≥ 16000	31.9 32.0	56,3	59.6	62.8	64.8	65.0	1 7 7 9	65,1	65,1	65.6	65,6	65.6	65.6	65,3 65,6	65.6	65,6
≥ 14000 ≥ 12000	32.7 34.0	57,6	64.6		69.7	69,9	'70°.2	70,3	70.3	70.5	67.2	70.5	70.5	67.2 70.5	70.5	70.6
≥ 10000 ≥ 9000	35.2	64.0	68,3	70.7	72.9	73.1		73,5	73.5	73,7	73.7	73.7	73.7	73.7	73.7 74.6	73.7
≥ 8000 ≥ 7000	36.1	66,2	70.6		75.0 76.3	75.2	75.5	75,6	75.7	75.9	75.9	75.9	75.9	75,9	75.9	75.9
≥ 6000 ≥ 5000	37.0	67.9	71.0 72.3	75.9	76.8 78.3	77 • 1 78 • 6		77,5	77.6	77.7 79.2	77.8	77.8	77.8	77,8	77.8	77,8
≥ 4500 ≥ 4000	37.7 38.0	68.8	72.8	76,9	78.8	79,7	80.0		80.1	80.3	79.8 80.4	79.8	80.4	80.4	80.4	80.4
≥ 3500 ≥ 3000	38.3 38.7 39.0	70.1	74.8	78.4	80.9	81.2	81.5	81.6	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500 ≥ 2000	39.9	70.9	77.6	91.3	83.9	84.1	84.5	84.6	84.6	82.7	84.9	84.9	82.8	82.8	84.9	82,8
≥ 1500 ≥ 1500	40.2 41.4 42.5	75,4	80.3	84,1	86,7	86.9	87.3	87.4	87.4	87.7	87.7	87.7	87.7	85.4	87,7	87,7
≥ 1000	43.3	79.8	85.1	89.4	92.2	92.4	90.2	90,3	93.0	93.3	90.6	93.3	93.3	90.6	90.6	90.7
≥ 900 ≥ 800	43.8	82.0	87.6 87.6	1 2 7 7	94.9	93.4	93.9	95,7	95.7	96.1	96,1	96.1	94.4	96.2	96.2	96,2
≥ 700 ≥ 600	44.0	83.0 83.4	88.7	93.4	96.4	96.6	197.2	96,6 97,3 98.0	97.3	97.7	97.7	97.7 98.5	97.8	97.8	97,1	97.8
≥ 500 ≥ 400	44.1	83.6	89.4	94.2	97.3	97.6	98.2	98,4	98.6	98.9	99.0	99.0	98.6 99.1	98+6	98+6 99+1	99,1
≥ 300	44.1	83.6	0.277	94.4	97.6	97.9	98.6	98,9	99.1	99.6	99.6	99.5		99.8	99.8	
≥ 100	44.1	83,6	89.5	94,4	97.6	2111		ات ' ا	99.1	99.6		99.6 99.6				100.0

USAF ETAC 101M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41-43-72

JUN

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VISIBIL	ITY (STATU	re miles)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ ?	≥ 1%	≥1%	≥ 1	≥ ¾	≥ ¾	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	39.6 46.9	50.4 59.4	51.3	51.8	52.1 61.2	52.1 61.2	52.1 61.2	52.1 61.2	52.1 61.2	52.1 61.2	52.1 61.2	52.1 61.2	52.1 61.2	52.1 61.2	52.1	
≥ 18000 ≥ 16000	47.1	59,6	60.8		61.4	61,4	المتتثثا	61.6	61.4	61.4	61,4	61.4	61.4	61,4	61.6	61.6
≥ 14000 ≥ 12000	48.6 50.4	64,5	62.7		66.4	66,4	66.4	66,4	63.6	63,6	66,4	63,6		63,6	66,4	66.4
≥ 10000 ≥ 9000	51.6	66,9	68,1			69,1	69.1	69,1	69.1	69,1	69,1	69.1	69.1	69,1	69,1	69,1
≥ 8000 ≥ 7000	52.5 52.9	68,5	69,6	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.0	70.7	70.7	70.7	70.7
≥ 6000 ≥ 5000	53.2 54.2 54.8	70,6		70,9	71,3	71.3	73.0	71,3	73.0	73.0		73.0	73.0	73,0	71,3	
≥ 4500 ≥ 4000	56.9	71,3	72.7	73.3 75.8	73,8 76.3	73,8 76,3 78,3	73.8	73,8 76,3 78.3	73.8 76.3 78.3	73,8 76,3 78,3	73,8 76,3	73.8 76.3	76.3 76.3	73.8 76.3 78.3	73,8	73,8 76,3 78,3
≥ 3500 ≥ 3000	62.1	80.0	81.3	82.0	1 - 7 -	85.8	82.5	82.5	82.5	82,5	1 = 7 = 1	82.5	82,5	82.5	82.5	82,5
≥ 2500 ≥ 2000	67.8	87.8	89.3	90.2		90.8		90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90,8
≥ 1800 ≥ 1500 ≥ 1200	70.3	91,9	93.6	94.6		95.2	95.3	95.3	95.3	95,3		95.3	95.3	95,3	95.3	95,3
≥ 1000	71.5	95.0		! I	98.7	98.7	98.8	98 8	98.8	1 4 4	98.8	98.8	98.8	98.8	98.8	
≥ 800	71.5	95,3	97.3	98.4	99.1	99.1	199.3	99.3	99.3	99.3		99.3	99.3	99,3	99.3	99.4
≥ 600	71.5	95,5	97.4	98.5	99.3	99.3	99.6	99,6	99.6	99.6		99.6			99.6	
≥ 400	71.6	95,5	97.5	98,6		99.5	99.9	99,9	99.9	100.0					100 • 0	100 • 0 100 • 0
≥ 200	71.6	4 L T L	97.5	98.6	99.5	99,5	99,9	99,9	99.9	100,0	100,0	100.0	100.0	100,0	100 0	100,0
≥ 0	71.6	95,5	97.5	98,6	99.5	99.5	199,9	99,9	99,9	100.0	100.0	100.0	100.0	100,0	100+0	100.0

USAF ETAC RT 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE ORSCIETE

## CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_1200=1400

CEILING			,				VISIBI	LITY (STATU	TE MILES)					<del></del> _		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11%	≥ 1%	≥ ≀	≥ ¾	≥ %	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.0 54.2	47.2		47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6 61.5	47.6	47.6	47.6	47.6	
≥ 18000 ≥ 16000	54.4 54.8	61,2 61,6	61.4	61.6	61.7	61.7	61.7	61,7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 14000 ≥ 12000	57.4	64.7	62,9	63.1	63.2	63,2	63.2	63,2	63.2	63.2	63.2	63.2		63,2	63.2	62,1
≥ 10000 ≥ 900u	59.0 59.4	67,1	67.1 67.5	67.2	67.3	67.7	67.7	67.3	67.3	67.3	67.3	67.3 67.7	67.3	67,3	67.3	67,3
≥ 8000 ≥ 7000	60.7	69,1	68.7	68.9	68.9	68.9	69.6	68,9	68.9	68,9	68,9	68.9	68.9	68,9	68,9	- 7
≥ 6000 ≥ 5000	63.6	59,9 72,4	70.3 72.8	70.5	70.5	70.5	70.5	70,5	70.5	70.5	70.5	70.5 73.0		70,5	70.5	70,5
≥ 4500 ≥ 4000	66.3 70.1	75,6	76.0 81.0	76.2	76.2	76.2 81.5	76.2	76.2	76.2	76.2	76,2 81.5		76,2 81.5	76.2 81.5	73.0	73,0
≥ 3500 ≥ 3000	73.5	90,5	91.1	85.3 91.5	91.7	91.8	91.8	85,5	91.8	91.8	85.5 91.8	85.5 91.8	85.5	85.5 91.9	85.5 91.9	85,5
≥ 2500 ≥ 2000	82.2	93,2	93.8	94,1	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94,6	94,6	91.9 94.6 97.3
≥ 1800 ≥ 1500	82.4 82.8	96,6	96.9	97.2	97.5	9716	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.3 97.8 98.4	97.8	97.8 98.4
≥ 1200 ≥ 1000	82.9	97.0	97.8	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98,9	98.9
≥ 900 ≥ 800	83.0	97.3	98.2	98.7	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4 99.4
≥ 700 ≥ 600	83.0	97.6	98.6	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500 ≥ 400	83.0	97,7	98.7	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99,9	99.9	99.9
≥ 300 ≥ 200	83.0	97,7	98.7	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99,9	99.9	00.0	00.0	100.0	00.0
≥ 100 ≥ 0	83.0	97.7	98.7	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99,9	99.91	L00 • 01	Loo • oli	100.0	00.0

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC JOEM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVAT, ONS)

1500-1700

CEILING							VISIBI	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.9 59.2	48,3		48.5 67.0	48.5	48.5 67.0		48.5			48.5		48.5	48,5	48.5	
≥ 18000 ≥ 16000	59.3 59.8	67.5		67.2 67.9	67.2	67.2 67.9	67.2	67.2 67.9	67.2	67,2 67,9	67.2	67.2	67.2	67,2	67.2	67.2
≥ 14000 ≥ 12000	61.3	72.8	69.8	73.2	70.0 73.2	70.0	73.2	70.0 73.2	70.0 73.2	70.0 73.2	70.0 73.2	70.0 73.2	70.0 73.2	70,0	70.0 73.2	70.0
≥ 10000 ≥ 9000	66.1 66.7	76.8	76.4 77.1	77.2	76.5	76.5	76.5	76,5 77.3	76.5	76,5 77,3	76.5	76.5 77.3	76.5	76,5 77,3	76.5 77.3	76.5
≥ 8000 ≥ 7000	68.6	78,5	78.9 80.1	79.0 80.2	79.0 80.3	79.1	79.1 80.3	79.1 80.3	80.3	79.1 80.3	79,1 80,3	79.1 80.3	79.1 80.3	79,1 80,3	79.1 80.3	79,1
≥ 6000 ≥ 5000	71.5 72.7	80.8 83.5	81.2	81.3	84.1	81.4	84.2	81,4	84.2	81.4	81,4	81.4 84.2	81.4	81,4	81.4	81.4
≥ 4500 ≥ 4000	74.8	87.8 90.1	88.3 90.6	85.7 88.5	38.6	85,8 88,6	88,7	85,8	88.7	88,7	85,8	85,8 88.7	85.8	85,8	85,8	85,8
≥ 3500 ≥ 3000	78.4	93,4	94.1	90.9	94.5	94,6	94.6	91,1	94.7	94.7	94.7	91.1	91.1	91,1	91.1	91.1
≥ 2500 ≥ 2000	80.1 80.2	96.4	97.1	97.5	97.7	96.1	96.2 97.8	96,2 97,9 97.9	96.3	96,3	96,3	96.3	96.3	96,3	96,3	96,3
≥ 1800 ≥ 1500	80.5	97.0	97.8	98.2	98.5	98.5	98.6	98.6	98.0 98.7 98.9	98.0 98.7	98.0	98.7	98.7	98,0	98.0	98.7
≥ 1200 ≥ 1000	80.8	97.5	98.3	98.7	99.1	99,1	99.3	99,3	99.3	99,4	99.0 99.4	99.4	99.4	99.4	99.4	99.4
≥ 900 ≥ 800	80.8	97.7	98.5	98.9	99.3	99.3	99.5	99,5	99.6	99.6	99.6	99.4 99.6	99.4 99.6 99.6	99,4 99,6	99.4	99.7
≥ 700 ≥ 600	80.8	97.7	98.5	98.9	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99 0 99 0 99 0	99.7 99.8
≥ 500 ≥ 400	80.8	97.7	98.6	99.0	99.4	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.8	99.8	99.9
≥ 300 ≥ 200 ≥ 100	80.8	97.7	98.6	99.0	99.4	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	3 . 7 .
≥ 0		97,8			99.5	99.5		99,8		1	99.9	99.9	99.9	99,9	99.9	

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC FORM 0-14-5 (OL A) PRIVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800=2000

CEILING							VISIBIL	ITY (STATU	re miles)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/5	≥1%	≥ 1	≥ ¾	≥ ¾	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	40.1 54.9		69.7	69.9	50.9 70.0	50.9 70.0	70.0	70.0	50.9 70.0	70.0		50.9 70.0	70.0	70.0	70.0	
≥ 18000 ≥ 16000	55,4 55,9	70.6	71.1	70.4	70.5	70.5	71.4	71.4	70.5 71.4	71.4	70.5	70.5 71.4	71.4	70,5	71.4	70.5
≥ 14000 ≥ 12000	57.6	76,5	73.7	74.0	74.0	74.0	77.4	74.G 77.4	74.0 77.4	77.4	74.0	74.0	77.4	74,0	74.0	74.0
≥ 10000	62.3	81.9 81.9	82.5 84.6	81.8 82.8	81.8 82.9	81 • 8 82 • 9	82.9	82,9	81.8 82.9 85.0	82.9	81.8 82.9	81.8 82.9	82.9	81,8 82,9		
≥ 8000 ≥ 7000	64.6	85,2	85.9	86.2	86,4	86.4	86.4	86,4	86,4	86.4	86.4	86.4	86.4	86.4	86.4	86,4
≥ 6000	66.8	88.7		89.7	90.9	89 , 8 90 , 9	89.8	89,8		89.8	89.8	90.9	89.8	44 _ 7	89.8	
≥ 4500 ≥ 4000 ≥ 3500	68.6	92.0		93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3		93.3
≥ 3000	70.1 70.4	94,4 95,4	96.3		95.9	95,9	95.9	95,9	95.9	95.9	95.9		96.0	96.0	97.2	4
≥ 2000	70.8	96.4	97.4		98.1 98.2	98 • 1	98.1	98,1			98.2	98.3	98.4	98,3 98,4	98.3	98,3
≥ 1500	71.2	96,9	98.0	98.6	44 1 7	99.0	99.0	99,0		99.1	99.1	99.1	99.2	98,9	- 7	98,9
≥ 1000	71.2 71.2 71.2	97.0 97.1	98.1 98.2 98.2	98.9 98.9 98.9	99.2 99.3 99.3	99,2 99,3 99,3	99.3	9913	99.3	99.4 99.4 99.5	99.4 99.5 99.5	99.5	99.5		99.6	99.6
≥ 800 ≥ 700 ≥ 600	71.2	97.1 97.1	98.3	99.0	99.4	99,4		99.4	79.4	99.5	99.6		99.6	99,6	99.6	99,6
≥ 500 ≥ 400	71.2 71.2	9701	98.3 98.3	99,1	99.5	99.5	99.5	99.6	99.6	99,6	99.7	99.7	99.8	99,8	99.8	99.8
≥ 306 ≥ 200	71.2	97.1	98.3 98.3		99.6	99.6	99.6	99.7	99.7	99.8	99,9	99.9	100.0	100.0	100:0	100 + 0
≥ 100 ≥ 0	71.2			99.2	1 - 2	99,6	99.6					99,9	100.0	100+0	100•0 100•0	100:0

USAF ETAC  $\frac{fO6/A}{AU.64}$  0-14-5 (OLA) previous editions of this form are obsolete

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

JUN \_2100=2300

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	44.3 51.5	76,9	78.1	78.4	66.8 78.5	66,8 78,5	78.5	78,5	78,5	78,5	66.8 78.5	66.8 78.5	78.5		1 - 2	66.8 78.5
≥ 18000 ≥ 16000	51.7 52.1	77,1		78,5 79,3	78.7 79.4	78,7 79,4	78.7	78,7	78.7	79,4	78.7 79.4	78,7	78.7	78,7	78.7 79.4	78.7 79.4
≥ 14000 ≥ 12000	52.7	79,3 82,0	83,2	80.8 83.6	80.9 83.7	80,9	83.7	80.9 83.7	83.7	80.9	83,7	80.9 83.7	80.9	80.9	80.9	80.7
≥ 10000 ≥ 9000	55. y 56.1	86.0		87.1 87.8	88.0	88.0				88.0 89.4	88.0	88.0	88.0	88.0		
≥ 8000 ≥ 7000	56.8 57.3	87,4 88,2	88.7 89,5	89.1 89.9	90.1	90.1	90.1	90.1	90.1	90.1	89,4 90.1	90-1	90.1	90.1	90.1	90.1
≥ 6000 ≥ 5000	58.2	90,6		92.5	92.7	92.7	91,3 192,7	91,3 92,7 93,2	92.7	92.7	92.7	92.7	91.3 92.7 93.2	91,3 92,7 93,2	91.3	91,3 92,7 93,2
≥ 4500 ≥ 4000	59.i	92,5 92,5	94.0		94.7	94,7	94.7	94,8	94.8	94.8		94.8	94.8	93,2	94.8	94.8
≥ 3500 ≥ 3000	59.7	94.2	95.8	ا ا	96.6		1.04	96,7	96.7	96.7	96,7	96.7	96.7	96.7	96.7	96.7
≥ 2500 ≥ 2000	60.3	2	97.4	98.0	98.3	98,3	98.3	1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800 ≥ 1500 ≥ 1200	60.5	96,1	97.8	98,4	98.7	98,8	98.8	98.8	98.4	78.8	98.8		98,9	98,9	98.9	98,9
≥ 1000	60.7	96,6	98.4	99.0	99.2	99,3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99,4	99.4	99.4
≥ 700 ≥ 800 ≥ 700	60.7	96.7	98.4	99.1	99.4	99,5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 600	60.7	96.9	98.6	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	60.7	96,9	98.7	99,5	99.8	99.8	99.9	99,9	99.9		99.9	99.9	99.9	99,9		99.9
≥ 200	60.7	96,9	98,7	99,5	99.8	99,9		99,9		100.0	100.0	100+0	100.0	100.0	100.0	100.0
≥ 0	60.7	1 = - ' -	98.7	99,5	99,8	99,9			99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

USAF ETAC AR 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-71

0000+0200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							ViSiBit	UTAT2) YTI	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥1%	≥ 1%	<u>≱</u> I	≥ %	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	36.9	67.0 75.3	77.5		70.9	70.9 79.3	79.6	79.6	79.6	79,7	79.7	71.2 79.7	71.3	79,8	79.8	79.8
≥ 18000 ≥ 16000	41.8	75.8	77.8	78.9	79.6	79.6	80.2	80.2		79,9 80,3	79.9 80.3	79.9 80.3	80.0 80.3	80.3	80.3	80.3
≥ 14000 ≥ 12000	42.8	80.1	82.3	83.5	84.2	81,6	84.4	81.9	81.9	84,5	84.5	82.0	82.0	84.6	84.6	84.6
≥ 10000 ≥ 9000	45.3 45.3	#3.0 #3.4	85.7 85.7	86.9 86.9	87.6	87.6	87.9	87.9 87.9	87.9 87.9	88.0 89.1	88.0	87.6 88.0	87.6 88.0	87,6 88.0 89.2	87.6 88.0	88.0
≥ 8000 ≥ 7000 ≥ 6000	46.0	85.0 85.5	87.3 87.8	88.6		89.2	90.0	89,5	89.5		89.6	89.6 90.1	39.7	89,7	89.7	89.7 90.2
≥ 6000 ≥ 5000 ≥ 4500	46.8	86.3 86.4	88.6		90.6	90.6	À - A	90.9	90.9	91.0	91.0	71	91.0	1	<b>-</b>	i
≥ 4600	47.1 47.3	87.2 87.9	90.3	90.8	91.5	91.5	91.8	91,8	91.8	91.9	91.9	92.6	91.9	91.9	91.9	91.9
≥ 3000	47.7	88,6	91.7	92.4	93.1	93.1	94.0	94.0	93.4	93,5	93.5	93.5	94,2	94.2	93.5	93.5
≥ 2600 ≥ 1800 ≥ 1500	48.1 48.2 48.5	89,8 89,9 90,5	92.5 92.6 93.2	93,8	94.6 95.2	94.5	94.9	94.8 94.9 95.6	94.8 94.9 95.6	94.9 95.0 95.7	94.9 95.0 95.7	94.9 95.0 95.7	95.0 95.0 95.7		95.0 95.0 95.7	1.71
≥ 1200 ≥ 1000	48.9	91.3 91.7	94.0	95.4	96.1	76 1	96.4	96,4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900 ≥ 800	49.4	92,1	94.9	96.8	97.0	97.0	97.3	97.3 97.8	97.3	97.4	97.4	97.4	97.4	97,4	97.4	97.4 97.9
≥ 700 ≥ 600	49.7	92.7 93.2	95.6	97.1 97.6	97.8 98.4	97.8	98.1	98 • 1 98 • 7	98·1 98·7	98.2 98.8	98.8	98.2 98.8	98.3 98.8	98.3 98.8	98 · 3 98 · 8	98.3 98.8
≥ 500 ≥ 400	49.9	93,4	96,4	97.9	98.7	98 • 9	99.0	99.2	99.0	99.1	99.1	99.1	99.4	99,1	99.4	99,1
≥ 200 ≥ 200	50.0 50.0		96.7 96.8	98.3 98.4 98.4	99.2	99.4 99.4	99.6	99.7	99.6 99.7 99.7	99,7	99.7 99.8 99.8	99.7 99.8 99.8	99.8 99.9		99.8	99.8 99.9
≥ 100 ≥ 0	50.0	A 1 7 21	96.8				199.7		99.7	99,8	1	99.8				100.0

TOTAL NUMBER OF OBSERVATIONS\_

315

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSILETE

#### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-72

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300+0500

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 5	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥1%	≥ 1%	≥ ;	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	24.6	53.1 60.4	57.0 64.9	58.8 66.9	68.7	68,9	61.6		61.9	62.2 70.6		62.2 70.6	62.3	62.3	62.6	62.7
≥ 18000 ≥ 16000	28.3	61,4	65.2	67,3 67,9	69.7	69,3	70.3	70.5 71.2	70.7 71.4	71.0	71.0 71.7	71.0 71.7	71.1	71.1	71.4 72.1	71.6
≥ 14000 ≥ 12000	29.0 30.4	65.7	70.7	72.5	71.2	71.4	72.5	72,8 76,3	72.9	73.2	73.2	73.2	73.3	73,3	73.6	73.8
≥ 10000 ≥ 9000	31.7	68.9	74.2	76,4	78.3	78.5	79.0	50.0	80.1	80.4	80.5	79.9 80.5	80.6	80.0 80.6	80.2	80.4 81.1
≥ 8000 ≥ 7000	32.2	70.7	76.1	78,3	80.3	80.5	80.9	82.1	82.2	81.7	82.6	81.8	82.7	81.9	82.2	82.4
≥ 6000 ≥ 5000	32.8 33.0 33.2	72.1	77.7	79.9	81.9	82.1	83.3	82.9 83.6		84,1	83,4	83.4	83.5	83,5	84.6	
≥ 45.0 ≥ 4900	33.5 33.6	73.0	78.7	80.9	82.9	83,1	84.3	84.7 84.7	84.8	84,4 85,1	85,2 85.5	85.2	85.3	85.3	84.9 85.6	
≥ 3500	33.9	74.3	80.0 80.8	82.2	84.2	84,4	85,6	86.0 86.9	86.2	86,5	86.6	86.6	85.6	86.7	87.0 87.8	86.0 87.1
≥ 2500 ≥ 2000	34.7	76.3	82.2	84,4	86.5	86.7	87.9	88.4	88.5	88.8	88,9	88.9	89.0 89.1	89.0	89.3	89.4 89.4
≥ 1800 ≥ 1500	34.8	77.2	83.2	85.5	87.6	87.8	90.1	89,5	89.6		90.0	90.0	90.1	90.1	90.4	90.5
≥ 1200 ≥ 1000 ≥ 900	35.3 35.5	79.2	85.3	87.6	89.9	90.1	91,3	91,8	91.9	92.2	92.3	92.3 93.1	92.5	92.5	92.7	92.9
≥ 900 ≥ 600 ≥ 700	36.0	81.0	87.2	90.7	91.9	92.1	93.4	93.8	94.0	94.3	94,4	94.4	94.6	94,6	94.9	95.0
≥ 600	36.4	82.4	88.8	91.3	93.7	93.9	95.2	95.6	95.8	96.1	96.2	96.2	96.4	96.4	96.7	96.8
≥ 400	36.6	83,3	90.0 90.2		95.2	95.5	96.9	97.4	97.6	97.9	98,1	98.1	98.2	98.2	98.5	98,7
≥ 300 ≥ 200 ≥ 100	36.6 36.6	83.5	90.3	93.2	95.7	96.1	97.5	98,1	98.2	98,6	98.7	98.7	99.0	99.0	99.3	99.5
≥ 0	36.6					96,1	97.7				98,9					100.0

TOTAL NUMBER OF OBSERVATIONS\_

3160

USAFETAC TOTAL 0-14-5 (OLA) PREVIOUS COTTONS OF THIS FORM ARE OBSOLETE

#### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0600=0800

CEILING							VISIBII	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ ?	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥%	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	25.8 31.1	44.7 53.2	47.1 56.0	48.5 57.8	49.5 58.8		49.9	49,9			50.0	50.0 59.6	50 · 0	50.0 59.6	50.2	50.2
≥ 18000 ≥ '6000	31.3 31.4	53,6	56.3 56.9	58.1 58.7	59.2 59.8	59,3 60,0		59,7	59.7 60.4	59.8 60.5	59.9	59.9	59.9 60.6	59.9	60.0	60.1 60.8
≥ 14000 ≥ 12000	32.5		63.3	65.3	62.2	66.7	62.8	67.2	62.8	63.0 67.3	63.1	63.1 67.4	63.1	63,1	63.2	63.3
≥ 10000	35.7 36.2	64.1	67.6		70.1 71.0	70.3 71.3	70.7	70.8	70.8	70.9 71.9	71.0	71.0 72.0	71.0 72.0	71.0 72.0	71.1 72.1	71,2 72,2
≥ 8000 ≥ 7000	36.7 37.1	65.9	69.6	71.8	72.5	72.7	73.1	73,2	73.2	73.3 74.1	73.4	73.4	73.4 74.1	73.4	73.5	73.6
≥ 6000 ≥ 5000	37.8	66.7 67.3	70.4	72.6	74.8	74.2	75.4	75.5	75.5	75.6	74.9	74,9	74.9	74.9	75.8 75.8	75,9
≥ 4500 ≥ 4000	38.3	68.2	72.1	74.5	75.8 75.2	75.2	75.6	76.6	76.6	75.8	76.8	75.9 76.8	75.9	75.9 76.8	76.9	76,1
≥ 3500 ≥ 3000 ≥ 2500	38.8	69.6 70.2	73.6	76.0	77.4	77.6	78.0	78,1	78.1 78.7	78.2	77.2	78.3	77.2	77,2 78,3	77.3	77.4
≥ 2500 ≥ 2000 ≥ 1800	39.7	71,6	75.7	78.2	79.6	79.8	80.2	80.3	80.3	80.5	75.9 80.6	78.9 80.6 81.1	78,9 80.6	78,9 80.6	79.0 80.7	79.1 80.3
≥ 1500	40.8	74,2	78.5	81.0	82.5	82.8		83.3	83,3	83,5	83.5	83.5	83.5	83,5	81,2	81,3 83,7 86.0
≥ 1000	42.4	78,6	84.2	85.8 87.1	87.6	87.8	88.3	88,4	88.4	90.0	90.0	88.6	88.6	88.6	88.8	88.8
≥ 800	43.1	61.7	86.5	89.5 90.6	91,3	91.6	92.1	92.3	92.3	94.0	92.7	92.7	92.7	92,7	92.8	92.9
≥ 600	43.4	83,6 84,2	88.8	91.9	94.1	94,5	95.0	95.1	95.1	97.3	95.6	95.6		95,6	95.8	95.8
≥ 400 ≥ 300	43.7	84,5	90.4	94.0	96.5	97.4	97.5	97,7	97.7	98.0	98.2	98.2	98.3	98,3	98.5	98.6
≥ 200 ≥ 100	43.8	84,8	90.4	94.3	97.0	97.5	98.2	98.5	78.6	98,9	99.2	99.2	99.3	99,3	99.6	99.7
≥ 0	43.8	84,8	90.4	94.3	97.0	97,5	98.2	98,5	98.6	93,9	99,2	99.2	99.3	99,4		100,0

TOTAL NUMBER OF OBSERVATIONS

3195

USAF ETAC 101M 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OSSOCIETE

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

\_0900=1100

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING						-	VISISIV	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 31/3	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	36,7 44,8		46.0 55.9	46.2 56.1		46.2 56,1		46,2 56,1	46.2 56.1	46.2 56,1	46.2 56.1	46.2	46.2 56,1	46.2	46.2 56.1	46.2 56.1
≥ 16000 ≥ 16000	45.2 45.6	56.3	56.3 56.9	56.4 57.1	56.4 57.1	56,4 57.1	56.4 57.1	56,4 57,1	56.4 57.1	56,4 57,1	56.4 57.1	56.4 57.1	56.4	56,4 57,1	56.4 57.1	56.4 57.1
≥ 14000 ≥ 12000	47.6 50.2	58.9	59.6	59.8 63.6	59.8 63.6	59,8 63,6	63,6	59,8	59.8 63.6	59,8 63,6	59.8 63.6	59.8	59.8	59,8	59,8 63,6	59,8 63,6
≥ 10000 ≥ 9000	51.7 52.0		65.9	66.7	66.8	66.8	66.8	66,8	66.8	66,8	66.8	66.2	66,8	66.2		
≥ 8000 ≥ 7000	52.8 53.1	67,4	67.6	68.4	68.5	68,5	68.5	68,5	68,5		68,5	67.9	67.9	67,9	68.5	67,9
≥ 6000 ≥ 5000	53.7 54.2		69,6		70.0	69.2 70.0		70.0	70.0	70.0	70.0	70.0	69.2 70.0	70.0		70.0
≥ 4500 ≥ 4000	54.7 56.1	71,3	70.1	72.4	70.5	70,5	70.5	70.5	70.5	70.5 72.5	70.5 72.5	72.5	70.5	2.5	70.5	70.5 72.5
≥ 3500 ≥ 3000	57.9 61.6	78,0	78.9	79.2	79.3	79.3	74.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	74.7
≥ 2500 ≥ 2000	68.5	87.8	88,8	83.8 89.2	89.4	89,4	89.4	89,4	89,4	89,4	89,4	89.4	89.4	83,9	89.4	89.4
≥ 1800 ≥ 1500	70.5	91,8	92.9		90.3	90.3	93.7	90,3	93.8	93.8	90,3	90.3	,3,8	93.8	90.3	90+3
≥ 1200	72.0 72.2	95.6	96.9	97.5 97.5	97.8	97.8	97.8	96.4	97.9	97.9	96,4 97,9	96.4	90.4	96,4	96.4 97.9 98.3	96,4
≥ 900 ≥ 800	72.2	96.3	97.9	98.6 98.8	99.0	99.0	99.1	99.2	99.2	99,2	99,2	99.2	99.3	99.3	99.3	99.3
≥ 700	72.3		98.3 98.3	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99,8	1111	
≥ 500 ≥ 400	72.3		1 2 7 1	99.2	99.6	99.6	99,7	99.8	99.8	99.9	99,9	99.9	100.0	100.0	100.0	100,0
≥ 200	72.3		98.3	99.2	1 - 2 - 21	99.6	99.7		99,9	<u> </u>	100.0	100 • 0	100.0	100,0	100.0	100.0
≥ 100 ≥ 0	72+3			99.2		99,6				99.9	100.0	100.0	100.0	100.0		100•0 100•0

TOTAL NUMBER OF OBSERVATIONS\_

3200

USAF ETAC ALS J-14-5 (OL A) HEROUS EDITIONS OF THIS FORM ARE OSSOLETE

#### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-72

YOUR

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CE'LING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ 36	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	36.6 48.8	40.9 35.3			41.0	41.0				41.0 55.4	41.0	41.0	41.0	41.0	41.0	41.0
≥ 18000 ≥ 16000	49.0	55.4	55.5 56.0	55.5 56.1	55,5 56,1	55.5 56.1	55.5	55,5 56,1	55,5 56,1	55.5 56.1	55.5	55.5 56.1	55.5 56.1	55,5 56,1	55.5 56.1	55.5 56.1
≥ 12000 ≥ 12000	50.8 52.8		57.8 60.8	57.9 60.8	57.9 60.8	57.9	57.9 60.8	57,9	57.9	57.9 60.8	57.9 60.8	57.9 60.8	57.9	57,9	57.9 60.8	57.9
≥ 10000 ≥ 9000	55.0	63,5	63.3	63.3 63.7	63.4	63,4	63.4	63,8	63.4	63,4	63.4	63.4	63.4	63,4	63.4	63,4
≥ 8000 ≥ 7000	55.9	65,3	69.4	64.8	64.9 65.6	64.9	64.9	64,9	64.9	64.9 65.6	64,9	64.9	64.9	65,6	64.9	64,9
≥ 6000 ≥ 5000	57.0 58.6	68.1	66.3 68.2	66,4	66.5	66,5	66.5	66,5	66.5	66,5	66,5	66.5	66.5	66,5	66.5	66.5
≥ 4500 ≥ 4000	65.7	70.3	70.4 76.6	70.6 76.8	70.7 76.9	70.7	70.7	70.7 76.9	70.7	70,7 76,9	70,7 76,9	70.7 76.9	70,7	70.7	70.7	70.7
≥ 3500 ≥ 3000	74.7	80,9	85.0	81.2 88.2	81,4	81,4	88,4	81,4 88,4	81.4	81,5 88,4	81,5	81.5 88.4	81.5	81,5	81.5 88.4	81.5
≥ 2500 ≥ 2000	78.0	95.0	1	93.1	93.3	96.0	93.3	93,3 96,1	93.3	93.3	93.3	93.3	93.3	93.3	93.3 96.1	93,3 96,1
≥ 1800 ≥ 1500	79.4 80.0				97.7	97.7	90.3	96,3	96.3	96.4	96,4	96.4 97.9	96.4	96,4	96.4	96.4
≥ 1200 ≥ 1000	80.4	97.0	97.9	98.0	98.3	98.7	98.4	98,4	98.4	98.5	95.5	98.5 99.0	98.5	98.5		
≥ 900	80.4 80.5	97.4	98.1	98,5	99.0	99.0		99,0	99.2	99,1	99.1	99.1	99.1	99.1	99.2	99,2
≥ 700 ≥ 600	80.5	97.7	98.3	98.6 98.7	99.2	99.1	99.3	99,3	99.5	99,4	99.4 99.6	99.4	99.4	99,4	99.5	99.7
≥ 500 ≥ 400	80.5	97.7	98.3 98.3	98,8	99.3	99.3	99.6	99 6	99.6	99,7	99.8 99.8	99.8 99.8	99.8	99,8	99.9	99,9
≥ 300 ≥ 209	80.5 80.5	97.7	98.3	98,8	99.3	99.3	99.6	99,6	99.6	99,8	99.8	99.8	99,9	99,9	100+0 100+0	100.0
≥ 100 ≥ 0	80.5	97.7	98.3	98,8	99.3	99,3	99.6	99,6 99,6	99.6	99,8	99.8 99.8	99.8	99,9	99.9	100•0 100•0	100 • 0

OTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_\_3

USAF ETAC RICE 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_1500-1700

CEILING							VISIBI	LITY (STATU	TE MILES)		-					
IFEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2'.	≥ 2	≥ 11/5	≥ 1%	≥ 1	2 %	* 35	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	38.8	42.6	42.6	42.6	42.6	42,6	1								42.6	42.6
≥ 18000	56.9 57.5	64.0	63.2	63,2 64,1	64.1	64,1	64.1	64.1	63.2	63.2	63.2	63.2	63.2		63.2	63,2
≥ 14000 ≥ 12000	59.3 62.8	70.8	66.2 70.9	70.9	66.2 70.9	66,2 70,9	70.9	70,9	70.9	66.3 70.9	66.3 70.9	70.9	70.9	95.3	66.3	66,3
≥ 10000 ≥ 9000	66.1	75.6	75,6	1 42 7 7	74.6	74.6	75.6		74,6	74.6	74.6	74.6 75.7	74.6	74.6	74.6	75.7
≥ 8000 ≥ 7000	67.9	78,5	77.2	77.2 78.6	77.2	77,2 78,6		77,2 78,6	77,2 78,6	77,2 70,6	77.2	77,2	77,2	77,2 78,6	77.2 78.6	77,2
≥ 6000 ≥ 50 0	70.1	81,6	79.9 81.9	82.0	82.0	79.9 82.0	82.0	82,0	79.9 82.0	80.0 82.1	80.0	80.0 82.1	80.0 82.1	80,0 82,1	80,0 82.1	80,0
≥ 4500 ≥ 4000	73.7	06,9	87.2	87,3	87.4	87.4	87.4	87,4	87.4	87,6	87,5	83.6	83.6	83,6 87,5	83,6	83,6
≥ 3500 ≥ 3000	75.1 77.0 78.1	92.0	89.3 92.7	92.9	93.1	93.1	93.2	93,2	93.2	93.3	93.3	93.3	93.3	93,3	89.8 93.3	93.3
≥ 2500 ≥ 2000	78.9	95,2	96.1	96.4	96.8	20.0	96.9	97,0	97.0	97,1	77.2	95.4	97.2	95,4	95,4	95,4
≥ 1800 ≥ 1500	79.1	95,8	96.8	96.6	97.6	97,6	97.8	97,9	97.9	98,0	98.1	98.1	98.2	98,2	98.2	98,2
≥ 1200 ≥ 1000	79.2 79.2	96.4	97.4	97.9	98.3	98 • 3	98.6	98,7	98.7	98.4	98,5	98.5	99.0	98,6	98.6	99.0
≥ 900 ≥ 800	79.2	96.5	97.6	98,1	78.5	98,5	98.7 98.8	98 • 8 98 • 9	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 700 ≥ 600	79.2	96.5	97.8	98.2	98.6	98.7	98.9	99.0 99.1	99.0	99.3	99.4	99.3	99.4	9914	99,6	99.5
≥ 500 ≥ 400	79.2	96.6	97.8 97.8	98.3	98.7	98.8	99.0	99,2	99.2 99.2	99.5	99.6	99.6	99.8	99.8	99.8	99,8
≥ 300 ≥ 200	79.2	96.6	97.8	98.3	98.8	98.8	99.1	99.3	99.3	99.6	99.7		9,9	99,9	100.0	00.0
≥ 100	79.2			I	98.8 98.8	98,8 98,8	99.1	99.3 99,3	99.3		99.7 99.7	99.7	99,9	99,9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-41.43-72

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VISIBIL	LITY (STATU	TE MILES)							
(FEET)	> 10	≥6	≥ 5	≥ 4	≳ 3	≥ 21/1	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	34.4 50.9	42,7	42.7	43.1 64.9	43.1 64.9	43.1	43.2					43.2	43.2			43.2
≥ 18000 ≥ 16000	51.2 51.8	65.3	65.8	65.2 65.9	65.3 66.0	65,3	66.0		65,3	66.0		65.3	65.3	65,3	65,3	65.3
≥ 14000 ≥ 12000	54.6 58,2		69.3 75.1	75,4	69.5 75.4	75,4	75.5	75,5	75.5	75,5	75,5	75,5	75,5	69,5 75,5	69.5 75.5	75,5
≥ 10007 ≥ 9001	61.8	80.3	80.1	80.3	81.1	80,3	80.4	81,2	80.4	81.2	81.2		81.2	80.4	80.4	81.2
≥ .000 ≥ 7000	64.1	82,7 84,3	85,0	85,2	85.2	85,2	85,3	83,7	85,3		85,3	85.3	83.7	83,7	83.7	83.7
≥ 6000 ≥ 5000	65.8	87.1	87.8		88.1	89.0	88.1	88,1	88.1	88.1	88.1	88.1	88.1	88,1	88.1	88,1
≥ 4500 ≥ 4000	67.5	90,6	91.3	88.9 91.5 92.7	91.7	91.7	91.7	89:1 91:7 92:9	91.7	91.7 92.9	89.1 91.7	89.1 91.7 92.9	89.1 91.7 92.9	89.1 91.7 92.9	91.7 92.9	91.7
≥ 3500 ≥ 3000	69.1	93.8	92.4	94.9	92.8 95.1 96.3	95.1	95.2	95.2	95,2	95.2	92,9 95,2 96,5		95,3	95.3	95.3	95,3
≥ 2500 ≥ 2000	70.2	96,4	97.4	97.7	97.9	90.0	86	98.1	98.1	98,1	98.1	98.1	198.2	98,2	98.2	98.2
≥ 18CJ ≥ 1500 ≥ 1200	70.3	96.8	97.9	98.2	98.5	98.5	98.7	98,7	98.7	98.7	98,7	98.7	98.7	98,7	98,7	98.7
≥ 1000	70.4	97.1	98.4	98.7	99.0	99.0		1	99.2	1	99,2	99.2	99.2	99.2	99.2	99.2
≥ 900 ≥ 800 ≥ 700	70.4	97.4	98.5	98.9	99.2	99.3	99.4	99.5	99.4	99.5	99.5	99,5	99.5	99.5	99.5	99.5
≥ 700	70.4	97.5	98,7	99,1	99.4	99,5	99,6	1	99.7	99,7	99.7		99.7	99.7	99.7	99.7
≥ 400	70.4	97,5	98,7	99.2	99.5	99.6	99.8	99.9	99,9	99.9	99.9	100.0			100.0	
≥ 200	70.4		98.7	99.2	99.5	99.6		99,9	99.9	100.0	100.0	100 • 0	100.0	100.0	100 • 0	100 • 0
≥ 0	70.4	97,5	98.7	99,2	99.5	99,6	94.8	99,9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS\_

USAFETAC  $^{\text{FOPM}}_{\text{AA-64}} = 0.14.5 \, (\text{OLA})$  previous editions of this form are ocsolete

#### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MUNTGOMERY

37-41.43-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100=2300

CEILING							VISIBI	UTA12) YTI	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	39.4 47.4	01.5 74.0	62.5 75.1	75,6	63.0 75.6	63.0 75.6	1 - m A 7	63.0 75.6	63.0 75.6		63,1 75,7	63.1	63.1	63.1 75.7	63 · 1 75 · 7	63.1 75.7
≥ 18000 ≥ 16000	47.8	74,6	75.7	76,2 77,0	76.2 77.0	76.2 77.0	76.2	76,2 77,0	76,2	76.3	76,3 77.0	76,3	ات ` <b>د</b> ـد. ا	76,3	76.3	76.3
≥ 14000 ≥ 12000	51.5	77.7	78,8 82,8	83.3	79.4	79,4 83,3	83.3	83,3	79.4 83.3	79,4 83,4	79,4 83,4	79.4 83.4	79.4 83.4	79,4 83,4	79,4 83,4	83.4
≥ 10000 ≥ 9000	53.4	~ 1	86,8		87.4	87.4	87.4	87,4	87.4	87,5	87,5	87,5	87.5	87.5	87.5	86.9
≥ 8000 ≥ 7000	54.3	87,7	88 • 1 89 • Ô		89.6	8817	89.6	88,7	89.6	88,8	89.7	88.8	89.7	89,7	89.7	88.8
≥ 6000 ≥ 5000	55.2 55.8 56.2	88 • 6 89 • 8	91.2	90.6	90.6	90,6		90.6	90.6	91,8	90.6	91.8	91.8	90.6	91.8	90,6
≥ 4500 ≥ 4000	56.9		93.4	94.0	94.1	92,4	94.1	92,4	94.1	92.5 94.1 94.9	92.5 94.1 94.9	92.5	92.5	92.5	94.1	92.5 94.1 94.9
≥ 3500 ≥ 3000	57.9	94.2	95.6	96.3	96.4	96.4	196.4	96,4	96,4	96,4	96,4	96.4	96.4	96,4	96.4	96,4
≥ 2500 ≥ 2000	58.5	95.5	97.0	المتقا	97.9	97.9	97.9	97,9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800 ≥ 1500	58.7	95,9	97.5	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98,5	98.5	98.5	98.5	98.5
≥ 1200 ≥ 1000	58.8	96.4	98.1	98.8	99.0	99.0	99.1	99,1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 900 ≥ 800 ≥ 700	58.9	96.6	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	59.0	96.8	98.5	99.3	99.5	79.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 500 ≥ 400 ≥ 300	59.0	97.0	98.8	99.5	99.7	99.7	99.7	99 • 8	99.8	99.8	99.9	99.9	99.9	99,9	99.9	99.9
≥ 200	59.1	97.0	98,9	99.6	99.8	99,8	199.8	99,9	99,9	99.9	100.0	100 • 0	100.0	100.0	100 · 0	100.0
≥ 0	59.1	97.0				99,8					100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

<u> 316</u>

USAF ETAC  $\frac{fOFM}{UL64}$  0-14-5 (OLA) previous editions of this form are obsolete

#### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41-43-70

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	JTY (STATU	TE MILES)		, <u>, , , , , , , , , , , , , , , , , , </u>					
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ ?	≥11/4	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	38.7	72,3 78,1		75.8 81.8	•	76 · 1 82 • 2	76.2 82.3	76 • 2 82 • 3	76.2		76.2 82.3	76.2 82.3	76.2	76.2		76,2
≥ 18000 ≥ 16000	41.8	78,2	80.8 81.1	81.9 82.2	82.2 82.6	82,3 82,7	82.5	82,5 82,8	82.5 82.8	82,5 82,8	82.5 82.8	82.5 82.8	82.5	82,5 82,8	82.5	82.5
≥ 14000 ≥ 12000	42.9	79.8 82.4	82.3 85.2		83,8	83,9	84.1	84.1 87.0	84.1	84.1 87.0	84.1 87.0	84.1	84,1 87.0	84,1	84.1 87.0	84.1 87.0
≥ 10000 ≥ 9000	44.6	84,0 84,5	87.4	400	89.0	88.6 89.1	88.8 89.3	88 · 8	88.8	89.3	89.3	88.8	88.8	88,8	88.8	88.8
≥ 8000 ≥ 7000	45.4	85,3 85,6	88,2 88,5		90.2	90.0	90.5	90.5	90·2 90·5	90.5		90.2		1	W 7 1	90.2
≥ 6000 ≥ 5000	45.8	86,0 86,8	89.8	91.2	90.8 91.7	91.8	91.0	91.0 91.9	91.0 91.9	91.9	91.9		91.0 91.9			91.0
≥ 4500 ≥ 4000	45.8	87.1 87.7	90.1	, -	7 4	92.1	92.3	93.1	92.3	92.5	92,3	92.3	92.3	92,3	92,3	92,3
≥ 3500 ≥ 3000	46.6	88,1 88,7	91.2 91.8	92.7 93.3	93.2 93.8	93.3	93.5	93.5	93.5	93.5	93.6	93.6	93.6		93.6	93,6 94,2
≥ 2500 ≥ 2000	46.8	89.2	92.3 92.8	93.8	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94,7	94.7	94.7
≥ 1800 ≥ 1500	47.2	89.8 90.4		95.2	95.7	95.1	95.3	95,4 96,1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200 ≥ 1000	47.6	90,9	94.3	95.9	96.4	96.5	96.7	96,7	96.7	96.7	96.8	96.8	96.8	96.8	96,8	97.5
≥ 900 ≥ 800	47.7 47.7	91.7 91.8	95.3	96.7 97.0	97.3	97.4 97.8	97.6	97.6 98.0	97.6		97.7 98.1	97.7 98.1	97.7 98.1	97.7	97.7	97,7
≥ 700 ≥ 600	47.9		95.8 95.9	97.4 97.6	98.1 98.3	98 • 2 98 • 4	98.4		98.5	98.5	98.6	98.6	98.6	98.6	98,6	98,6
≥ 500 ≥ 400	48.0	93.0	96.4	98.1 98.2	98.9	99.0	199.2	99.3	99.3	99.4	99,4	99.4	99.4	99,4	99.4	99,4
≥ 300 ≥ 200	48.0 48.0	93,1	96.6		99.3	99,4	99.7	99,7	99.7	99.9	99.9	99.9		99,9		
≥ 100 ≥ 0	48.0 48.0		96.6		99.3		99.7			99.9	99,9	99.9	99.9	99,9	100.0	100,0

TOTAL NUMBER OF OBSERVATIONS

3069

USAF ETAC 100 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-70,72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0300=0500

CEILING							VISIBIL	ITY (STATU	TE MILES)		***************************************				***	
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	25.7			67.3 73.1	68.9 74.8		69.6	70,0 76.1	70·0 76·1	70.3	70.3			70.5		70.8
≥ 18000 ≥ 16000	27.9	65.1	70.0	73.2 73.6	75.0 75.4	75.3 75.7	75.9	76.3 76.8	76.3 76.8	76.6 77.1	76,7	76.7 77.1	76.8	76.9		77.2
≥ 14000 ≥ 12000	28.5	68.0	71.7	74.9	76.7 78.7	77.0	77.5	78,0 80.2	78.0 80.2	78.3 80.5	78.3 80.5	78.3 80.5	78.5	78.5		78,9 81.1
≥ 10000 ≥ 9000	29.7	70.2	75.0	79.7	81.6	81,3	82.6	82.5	82.6	82.9 83.5	83.0 83.6	83.0 83.6	83.2 83.8	83.2		83.5 84.1
≥ 8000 ≥ 7000	30.3	71,8	77.8	80.7	82.7	83,6	83.7	84,2 84,9	84.2	84.5 85.2	84,6 85,3	84.6 85.3	84.8 85.5	84.8 85.5	84.9	85.2
≥ 6000 ≥ 5000	30.6	72,1	78.5	82.2	83.8	84.1	85.3	85,4 85,8	85.4	85.7	85,8 86,3	85.8 86.3	86.4	86.0	86.1	86,3 86,8
≥ 4500 ≥ 4000	30.7	72,8	78,9 79,5	82.6	85.4	85.7	86.4	86,2 86,9	86.9	86,5	86,6	86.6	87.5	86,8 87,5	86.9	87,9
≥ 3500 ≥ 3000	31.0 31.2 31.4	73,5	80.3	84.2	86,3	85,9	86.6	87.2 87.8	87.2 87.9	87,5 88,2	87,6	87.6 88.3	87.8	57,8 88.5	88.5	88,1
≥ 2500 ≥ 2000	31.7	75,3	80.9	85.7	87.8	87 • 2 88 • 2	87.9	88,4	88.5	85.8	88,9		89.1 90.0	89,1 90,1	90.1	90.4
≥ 1800 ≥ 1500	32.0	76,5	82.9	87.0	89.2	89,5	90.3	90.8	90.8	90.0	90.1	90.1	90.3	90.3 91.5	90,4	90.6 91.8
≥ 1200	32.4	78.1	84.8	89.0	91.2	90.6 91.5	92.3	91,9	91.9	92.3	92.4	92.4	92.5	92,6 93,5	92.6	92,9
≥ 900 ≥ 800	32.7	79,3	86.0	90.2	92.6	93.0	93.7	94.3	93,4	93,8	94.8	93.9 94.8	94.1	95.0	95.1	94,4
≥ 700 ≥ 600	32.9	79,9	86.8	91.1	93.6	94.0	. 4 4 4 4	95,3	95.4	95.8	95.5		96.2	96.2	96.3	96.0
≥ 500 ≥ 400	33.1	80.8	87.8	92.3	95.0	95.5	196.4	96,2 97,0	97.0 97.5	96,7 97,5 98,1	96,8 97,7 98.4	96.8 97.7 98.4	97.9	97,1	97.1	98.3
≥ 300 ≥ 200 ≥ 100	33.1	81.1 81.1	88.1	92.7	95.8	96.2	97.3	97.9	97.9	98,5	98.8	98.8	99.1		98.7	99.5
≥ 100 ≥ 0	33.1	81,1	88 . i	92.7			97.3		98.0	98,6 98,6	98,9	98.9	99.2	99,3	99.5	99.8

TOTAL NUMBER OF OBSERVATIONS\_

309

USAFETAC TOTAL 0-14-5 (OLA) MENOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MUNTGOMERY

37-41,43-70,72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0600=0800

CEILING							VISI8I	LITY (STATU	ITE MILES)							-
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	21.5	46.4 53,2	51.3 58.7	54.4	56.3 64.4	56.7 64.8	57.5 65.7	57.7 66.0	1 1 1 1	57.8	57.8	- i a i a	57.8	57.8	57.9	58,0
≥ 18000 ≥ 16000	24.9 23.1	53,5 53,9	59.3	62.7	64,6	65.4	66.4	66.7	66.7	66.8	66.8	66.4	66.4	66.9	66.6	66,8
≥ 14000 ≥ 12000	25.9	55,7 59,0	64.9	68.5	67.0	67.4	168.3 72.3	68,6	68.7	68.7	68.8 72.7	68.8	68.8	68.9	69.0	
≥ 10000 ≥ 9000	28.2	61.6	67.9	71.7 72.4	74.4 75.1	74,7	75.8	76.1 76.8	76.2	76.2	76.3 77.0	76.3	76.4	76.4	76.5	76,7
≥ 8000 ≥ 7000	28.9	63,4	70.5	73.8	76.5 77.2	76,9	78.0	78,3 79,1	78.4 79.1	78.5 79.2	78.5 79.3	78.5 79.3	78.6	78,7	78,8	78.9
≥ 6000 ≥ 5000	29.2 29.5	65,1	71.1	75.1	77.8 78.6	78.2	79.4	79.7	79.7	79.8	79.9	79.9	80.0	80.0	80.1	80.3
≥ 4500 ≥ 4000	29.5	65,4	72.1	76.2 76.9	78.9 79.6	79,3	80.5	80,8	80.8	80,9	81.0	81.0	81.1 81.7	81.1	81.2	81,4 82,1
≥ 3500 ≥ 3000	29.9 30.2	67,0	73.1	77.2	79.9 80.8	80.3	81.5	81.0	81.8	81.9	82.0	82.9	82.1	82.1	82.2	82,4
≥ 2500 ≥ 2000	30.4	68,4	75.5	78.6	0, 3	81,7	84.2	83,2	83.2	83.3	83.4	83.4	83.4	83,5	83.6	83,8
≥ 1800 ≥ 1500	31.1	69,8	75.8	80.2	84.2	84,5	84,6	85 • 0 86 • 1	85.0	85.1	85.2	85.2	85.2	85.3	85,4	85,5
≥ 1200 ≥ 1000	32.7	73.0	78.5 80.4	84,9	88.0	86.3 88.4	87.6	87,9 90,1	90.1	90.2	88.1 90.3	90.3	88.2	88.3	88.4	88.5
≥ 900 ≥ 800	33.0 33.5	73.8	81.2	87.3	90,6	91.0	90.5	91,0	91.0	91.1	91.2	91.2	91.3	91,4	91.5	91.6
≥ 700 ≥ 600	33.7	76,6	34.5	89,4	93.1	92.3	193.7	95.4	95.4	94.3	94.4	94.4	94.5	94,6	94.7	94.8
≥ 500 ≥ 400	34.0	77.4	85.9	90.7 91.1	75.0	95.6	96.3	96,8	96.9	97.0	97.1	97.1	97.2	97.3	9/.4	97.6
≥ 300 ≥ 200	34.0	77,5	86.0 86.1	91.3	95.3	96.0	97.5	98,1	98.2	98.4	98.6	98.6	98.9	98.9	99.1	99.2
≥ 100 ≥ 0	34.0	77,5	86.1	91.3	95.4	96.1	97.6	98,2	98.3					99.4	99.6	99.8

TOTAL NUMBER OF OBSERVATIONS

315

USAF ETAC "OLM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

HAXWELL AFB ALABAMA/HONTGOMERY 37-41,43-70,72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0900=1100

CEILING							VISIBIL	UTATZ) YTE	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	38.1	52,6				54 • 1 61 • 5	54.1 61.5	54,1	54.1	54.1 61.5	54.1	54.1	54.1	54.1 61.5	54.1 61.5	
00081 ≤ 00081 ≤	44.4	60.4 60.4	61.4	61.4	61.7	61.7			61.7	61.7 62.0	62.0	61.7	61.7	61,7	62.0	61.7
≥ 14000 ≥ 12000	45.8	62,2	67.2		67.8	64.0	67.8	67.8	67.8	64.0 67.8	67.8	67.8	64.0	67,8		67,8
≥ 10000 ≥ 9000	50.4	69,1	69.8 70.3	70.2	70.5 71.0	70.5 71.1	70.5	71.1	70.5	70.5	70.5	70.5 71.1	70.5	70,5 71,1	70.5	70.5
≥ 8000 ≥ 7000	51.5	70,8	72.1	72.5	72.8	72,2	72.2	72,9	72.2	72.9	72.2	72.2	72.2	72,2	72,2	72.9
≥ 6000 ≥ 5000	52.5	71,9	72.4	72.8	73.1	73.2	73.2	73.2 74.0	73.2	73,2 74.0	74.0	73.2	73.2	73,2	73.2	73.2
≥ 4500 ≥ 4000	54.2 54.2	73,9	75.2	75.7	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3500 ≥ 3000	58.9	79.6	81.1	81.5	78.0 81.8	82.0	78.1 82.0	82.0	82.0	78,1	78 1 82 0	82.0	82.0	82.0	82.0	82.0
≥ 2500 ≥ 2000	63.9	86,8	88.3	88.8	89.1 90.4	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89,3	90.6	89.3
≥ 1500	66.7	7 =	92.2	92.8	0.7 "	93,4	93.4	93,4	93.4	93.4	93,4	93.4	93.4	93,4	93.4	93,4
≥ 1000	67.0	93,7	95.6	96.3	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900 ≥ 800	67.3	94.7	96.7	97.4	98.4	98 , 5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98,7
≥ 700 ≥ 600 ≥ 500	67.3	95+0 95+1	97.2	98.0	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500 ≥ 400 ≥ 300	67.4	95,1	97.3	98.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99,9		99.9
≥ 200	67.4	95,1	97.3	98,3	99.3	99.6	199.7	99.8	99.8	99.9	99,9	99.9	59.9	99.9	100 .0	100 • 0 100 • 0
≥ 0	67.4	95.1	97.3	98.3	99.3			99,8	99.8	99.9	99,9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **CEILING VERSUS VISIBILITY**

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-70,72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200=1400

CEILING							VISIBIL	UTAT2) YTI.	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	2 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
· IO CEILING ≥ 20000	41.4	48.1 61.2	48.2 61.4	48.3	48.3 61.5	48+3 61.5		48,3 61,5	48.3 61.5	48.3 61.5	48.3 61.5			48,3	48.3	48.3 61.5
≥ 18000 ≥ 16000	53.4	61.7	61.9	62.0	61.7	61.7	61.7	61,7	61.7	61.7	61.7	61.7 62.1	62.1	61,7	61.7	61,7
≥ 14000 ≥ 12000	54.8	66,8		67.2	67.2	67.2	67.2		67.2	67.2	67.2		67.2			
≥ 10000 ≥ 9000	59.8	69.5	69.8		69.5	69.5	69.9	69,5	69.5	69.5	69,5	69,9		69,5		69,5
≥ 8000 ≥ 7000	60.9	70.5	70.8	70.9	70.9	70.9	70.9	70,9	70.9	70.9	70.9	70.9 71.3	70.9	71.3	70.9	
≥ 6000 ≥ 5000	62.9	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4 75.7	73.4	73.4	73.4	71.9	73.4	71.9 73.4 75.7
≥ 4500 ≥ 4000	68.7	80.0	80.4 84.9	80.5 85.1	75.7 80.6 85.2	80.6			80.6	80.6	80.6 85.2		85.2	80.6	80.6	المتمعا
≥ 3500 ≥ 3000	76.5	1		90.6	90.7	90.7	90.8		90.8	90.8	90.8	90.8	90.8	90.8	90.8	1 T —
≥ 2500 ≥ 2000	80.2	95,5	96.1	96.4	96.5	96.5	96.6	96,7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800 ≥ 1500	80.8	96.8	97.5	97.8	98.0	98.0		98,2	98.2	98,2	98,2	98.2	98.2	98,2	98.2	98.2
≥ 1200	81.2	97.5	98.3	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99,1	99.1	99.1
≥ 900 ≥ 800 ≥ 700	81.3	97.7	98.5	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	81.3	97.8	98.7	99.1	99,4	99,4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	81.3 81.3	97.8	98.7	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100 • 0	100.0	100.0	100.0		100 • 0 100 • 0
≥ 300 ≥ 200 ≥ 100	81.3	97.8		99.2	99.5	99.5	99.7	99,9	99.9	100.0	100.0	100 • 0	100.0	100.0	100.0	100.0
≥ 0	81.3		1 -= 4	99.2	1 2 3 7 7 1			99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

#### **CEILING VERSUS VISIBILITY**

MAXHELL AFB ALABAMA/MONTGOMERY 37-41,43-70,72

The state of the s

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING		_					VISIBIL	UTATCJ YTI.	E MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ ¾	≥ 3%	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	43.5	49,4	49.6 68.5	49.7	49.7	49.7		49.7	49.7	49.7	49.7	49.7		49.7		
≥ 18000 ≥ 16000	59.6	69.0	68.7 69.2	68,8	68.8 69.3	68.8	69.3	68,5	68.8	68,8	68.8	68.8	69.3	69.3	69.3	68.8
≥ 14000 ≥ 12000	62.0	71.5	71.7 76.0	71.8 76.1	71.8 76.1	71.8 76.1	71.8	<u> </u>	71.8 76.1	71.8 76.1	71.8	71.8 76.1	71.8	71,8 76,1	71.8 76.1	71.8
≥ 10000 ≥ 9000	67.8 68.4	79,2 79,9	80.3		79.7 80.5	80.5			79.7 80.5	80.5	79.7 80.5	79.7 80.5	80.5		80.5	
≥ 8000 ≥ 7000	70.6	82.8	83.3	83,4	83.4	82+0 83+4	83.4	82.0 83.4 84.2	83.4	82.0	82.0 83.4	82 • 0 83 • 4	83.4	83,4	83.4	82.0 83.4
≥ 6000 ≥ 5000	72.8 73.5	85,7	86.2	86.5	86.5	86.5	86.5 87.5	86,5	86.5		86.5	86.5	86.5	86,5	86.5	86.5
≥ 4500 ≥ 4000 ≥ 3500	75.3	99.1	89.8	90.1	90.2	90.2	90.2		90.2	3	7 : 7 3	90.2		***	90.2	- '-
≥ 3500 ≥ 3000 ≥ 2500	78.0 78.7	93,1	93.9	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	اتنتما	94.6	94.6	94.6
≥ 2000	79.3	95.5		97,1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 1500	79.7	96,3		97.9	98.1	98.1	98.1	98,2	98.2		98.2	98.2	98.3	98.3	98.3	98.3 98.7
≥ 1000	79.9	96.7	97.7	98.4	98.7	98.7	98.8	98.9	98,9 98,9	99.0	99.0	99.0	-	99.0	99.0	99.0
≥ 800	79.9	96.9	97.9	98.7	99.0	99.0	99.2	99,2	99.2	1111	99.4	99.4	99.4	99,3	99.4	99.4
≥ 600 ≥ 500 ≥ 400	80.0	97.0	98.1	98,8	99.1	99.2	99.4	99,5	79.5	99,5	99.6	99.6	99.6	99,6	99.7	99.7
≥ 300	80.0	97,1	98.1	98.9	99.3	99.3			99.7	99.7	99.7	99.7	99.8	99.8	99.8	99,8
≥ 200	80.0	97.1	98.1	98,9	99.3	99+3	99.6	99,7	99.7	1 1 1 4 1		99.7		99,8		99.9
≥ 0	80.0	97,1	98.1	98.9	77.3	99,3	199.6	99,7	99.7	99.7	99,7	99:7	-99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS\_

#### **CEILING VERSUS VISIBILITY**

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-70,72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_1800=2000

CEILING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 16	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	37.2 51.2	51.2 70.5	72.0	52.3 72.4	52.4 72.5	52.4 72.5	52.4 72.5	52,4 72.5	52.4 72.5	52.4 72.5	52.4 72.5	52.4 72.5	52.4 72.5	52.4 72.5	52.4	52.4 72.5
≥ 18000 ≥ 16000	51.4 51.8	71.6	72.3 72.9	72.6 73.2	72.7 73.3	72.7 73.3	72.8	72.8	72.8	72.8 73.4	72.8	72.8	72.6	72.8	72.8	72.8
≥ 14000 ≥ 12000	56.1	78,3	75.7	80.1	76.1 80.2	76,1 80,2	76.2 80.2	76.2 80.2	76,2 80,2	76.2	76,2 80,2	76.2	76.2	76.2	76.2	76.2
≥ 10000 ≥ 9000	58.3 59.1	83.2	84.7	85.2	85.3	84.2	84,3	84.3 85.4	85,4	84.3	84.3	84.3	84.3	84.3 85.4	84.3	84.3
≥ 8000 ≥ 7000	60.5	86.1	87.7	88,2	88.4	88.4	88.4	88,4	88.4	87.5 88.4	87.5 88.4	87.5 88.4	87.5	87.5	87.5	87,5
≥ 6000 ≥ 5000	62.1	88.7 89.4	90.4	90.9	91.1	91,1	91.2	91.2	91.2	91.2	91.2	89.5 91.2	91.2	89.5 91.2	89.5 91.2	89.5 91.2
≥ 4500 ≥ 4000	63.0	90.5	92.3	92.9	93. i	91.9 93.1	92.0	92.0 93.1	92.0	93.1	92.0	92.0 93.1	92.0	92,0 93,1	92.0	92.0
≥ 3500 ≥ 3000	64.4	93,2	95.1	95,8		96,0	96.2	95,9	96.2	96.2	93.9	93.9	93.9	93,9	93.9	93.9
≥ 2500 ≥ 2000 ≥ 1800	65.0	95.0	97.1	97.9	98.1	98.1	98.2	98.2	98.2	98,3	98.3	98.3	98.3	97.2	98.3	98,3
≥ 1500 ≥ 1500 ≥ 1200	65.1	95.4	97.5	98.3	98.5	98.5	98.7	98,7	98.7	98,7	98,4	98.4	98.4	98,4	98.4	98,4
≥ 1000	65.2	95.7	97.9	98.7	99.0	99.0	99.1	99,1	99.1	99.1	99.1	99.1	98.9	98.9	99.2	99.0
≥ 800	65.2	95.8	98.0	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99 • 2 99 • 4	99.2	99.5
≥ 600	65.2	96.0	98.2	99.1	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.6 99.7	99.6
≥ 400	65.3	96,1	98.3	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.5	99.9	99,8	99.9	99.9
≥ 200 ≥ 100	65.3	96,1	98.3	99.2	99.6	99.6	99.8	99,8	99.8	99,9	99,9	99.9	99.9	99.9	00.01	00.0
≥ 0	65.3	96,1	98,4	99.3	99.6		99.8	99,8	99.8	99.9	99.9			99.9	00.01	00.0

TOTAL NUMBER OF OBSERVATIONS\_

USAFETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **CEILING VERSUS VISIBILITY**

MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-70,72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_2100=2300

CEILING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¼	≥ ¾	≥ ⅓	≥ 5/16	≥ 1⁄4	≥ 0
NO CEILING ≥ 20000	39.7	76.6	68.1 78.3	68.6 78.9	68 · 8	68.8 79.1	79.1	68,8 79.1	79.1	79.1	68.8	68.8 79.1	68.8	68.8	68.8 79.1	79.1
≥ 18000 ≥ 16000	45.9	77,1 77,6	78.6 79.1	79.7	79.4 80.0	79,4	79.4	79,4 80,0	79.4 80.0	79.4	79.4 80.0	79.4	79.4 80.0		79.4 80.0	79.4
≥ 14000 ≥ 12000	47.4	83.0	81.4	82.0 85.1	82.2	82 · 2 85 · 4	85,4	82.2 85.4	82.2	82.2 85.4	82.2	82,2	82.2	82,2 85,4	82.2	82,2
≥ 10000 ≥ 9000	50.9	85,4	87.7	88,3	88.6	87,9		88,6	88.6	87.9 88.6	87.9	87.9 88.6	87.9 88.6	87.9 88.6	87.9 88.6	87,9
≥ 8000 ≥ 7000	52.1	87.6 88.8	90.5	91.1	90.2 91.4	90 • 2 91 • 4	90.2	91.4	90.2	90.2 91.4	90.2 91.4	91.4	90.2	90,2 91,4	90.2 91.4	90.2 91.4
≥ 6000 ≥ 5000	52.1 52.6	89,5 90,6	91.2 92.3	91.9 93.0	92.2	92•2 93•3	92.2	92·2 93·3	92.2	92.2	92.2 93.3		92,2 93,3	92 • 2 93 • 3	92 • 2 93 • 3	92.2 93.3
≥ 4500 ≥ 4000	52.9 53.3	91 • 1 91 • 9	92.8 93.6	93.5	93.8 94.6	93 . 8		93,8 94,6	93,8 94.6	93.8 94.6	93.8	93.8			93.8	93.8 94.6
≥ 3500 ≥ 3000	53.6 53.9	92,4	94.2 95.0	94.9	95.2 96.1	95 • 2 96 • 1	95.2	96 Z	95.2 96.2	95.2	95.2 96.2	95.2 96.2	95.2	95 • 2 96 • 2	95 • 2 96 • 2	95.2
≥ 2500 ≥ 2000	54·1 54·3	93.7	95.5	96.3 97.1	96.7 97.5	96+7 97+5	96.7	96.8		96.8 97.6	96,8 97.6	96.8 97.6			96 • 8 97 • 6	97.6
≥ 1800 ≥ 1500	54.3 54.4	94,4	96.6	97.1 97.4	97.5 97.8	97.5 97.8	97.6	97,6 97,9	\$7.6 97.9	97.6 97.9	97.6 97.9	97.6	97.6		97.6 97.9	97.6
≥ 1200 ≥ 1000	54.5 54.6	95,1	97.0 97.4	97.8 98.3	98.3 98.8	98+3 98+8	98.9	99.0		98.4 99.0	98,4 99.0				98•4 99•0	98,4 99.0
≥ °00 ≥ 800	54.8	95.7	97.6 97.9	98,5 98,8	99•1 99•4	99 • 1 99 • 4	99.1	99,2	99.2	99.2	99.2	99.6	99.6		99·2 99·6	99.2
≥ 700 ≥ 600	54.8 54.8	95.7	97.9 97.9	98.9 99.0		99,4	99.5	99.7	99:6 99:7	99.6	99.6 99.7	99.7	199.7	99,6	99.6 99.7	99.6
≥ 500 ≥ 400	54.8 54.8	95,8	98.0 98.1	99.1 99.1	99.6	99,6 99,7	199.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0		99.9 100.0
≥ 300 ≥ 200	54.8 54.8	95,9 95,9	98.1 98.1	99,2 99,2	99.8 99.8	99.8	199,9	100.0	100.0 100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	54.8 54.8	95,9	98.1 98.1	99.2 99.2	99.8 99.8		99.9	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCIETE

### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-71

SEP

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0000=0200

CEILING							VISIBI	ITY (STATU	TE MILES)							
FEETI	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥1%	≥ ;¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	36.4 39.6	66.9 72.8	75.1	76.2		70.5 76.6		76,8		70.9 77.0	70.9 77.0	70.9 77.0		71.0 77.1	71 · 1 77 · 2	71.2 77.3
≥ 18000 ≥ 160.0	39.8 40.1	73.6	75,3 75,9	76.5 77.0	76.8 77.3	76.8 77.4	77.0	77,1 77,6	77.1	77.2 77.8	77.3	77.3 77.8	77.4	77.4	77.5 78.0	77.5 78.1
≥ 14000 ≥ 12000	40.7	74.8	77.2 80.2	78.4 81.4	78.7 81.7	78 • 7 51 • 8	78.9 81.9	79.0 82.0	79.0 82.0	79.1 82.2	79.2 82.2	79.2 82.2	79.3 82.3	79.3 82.3	79 • 4 82 • 4	79.4 82.5
≥ 10000	42.7 42.9 43.0	79.7	82.2	83.6	83.9	83.9	84.1	83.7 84.2	84.2	84.3	83,9	83.9 84.4	84.5	84.5	84.2	84,2
≥ 8000 ≥ 7000	43.4	80.9 81.4	83.5	85.0	85.3	85.4	85.6 85.6	85,2 85,7	85.7	85.8	85.8	85.8	86.0	85.6	86.1	85,7
≥ 6000	43.8	81.9 82.2	84.5	85.9	86.3	86.4	86.5	86.6	86.7	86.8	86.8	86.8	87.0	87.0	86.5	86,6 87,1
≥ 4500 ≥ 4000 ≥ 3500	44.4	83.1	85.7	87.1	87.5	87.6	22.1	87.8	87.9	88.0	88.0	88.5	88.2 88.6	88.2	88.3 88.7	88.3
≥ 3000 ≥ 3000 ≥ 2500	44.8	84,5	87.1 87.8	88.7 89.4	89.1	89.2	89.4	89.5	89.6	89.7	89.7 90.5	89.7	89.9	90,6	89.9	90.0
≥ 2000 ≥ 1600	45.2	86.0	88.7	90.4	90.8	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.6	91.6	91.7	91.7
≥ 1500	45.6	87.1 88.5	90.0	91.8	92.2	92.3	92.5		92.7	92.8	92.8	92.8	92.9	92.9	94.7	93.1
≥ 1000	46.5	89.3	92.5	94.4	75.5	95.0	195.3	95,4	95.4	95.5	95.5	95.5	95.7	95.7	96.4	95.8
≥ 800	46.8	90.1	93.4	95.5	96.1	96.8	96.5	96,6	90.6	96,7	96,8	96.8	96.9	96,9	97.0	97.1
≥ 600	47.0	90.0	94.7	96.4	97.1	97.3	97.6	97,8	97.8	97.9	98.7	98.7	98.1	98.1	98.2	98.3
≥ 400	47.0	91.3 91.4	95.0	97,5	78.3	98,3	98.7	98.9	98.9	99.0	99.1	99.1	99.3	99,2	99.6	99.4
≥ 200	47.0		95.2		98.3	98,5			99.3	99.4	99,5	99.5		99,6	99.8	99.8
≥ 0	47.0	9114	95,2	97.5	98.3	98.5	99,1	99,2	99.3	99.4	99,5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS\_

<u> 3143</u>

USAF ETAC RESA 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE OFFICERE

#### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

WONTH.

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0300=0500

CEILING							VISIBI	LITY (STATU	TE MILES)							
14561)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	25.5 27.3			67.8	69.4	69.8	70.5	70.7		71,2		66.3		66.5	66.7 72.0	67.0
00081 ≤ 00081 ≤	27.5	60.7	65.5	68.2		70.3	71.0	71.2	71.2	71.7	71.6 72.0	71.6	71,8	71.9	72·1 72·5	72.4
≥ 14000 ≥ 12000	28.3	62,4	69.5	72.2	71.5	71,9	72.6	75.3	75.3	75.9	73.6	73.6 76.1	73,9	73.9 76.4	74.1	74.4
≥ 10000 ≥ 9000	30.0	66.8	71.7	74.7	75.8	76,2	77.7	77,9	77.2	78.5	78.0 78.7	78.0 78.7	79.0	79.0		78,8 79,6
≥ 8000 ≥ 7000	30.4 30.6 30.9	68,2 68,7	73.3	76.5	78.4	78 1 78 7 79 3	78.9 79.5	79.7	79.7	80.3	80.5	79.9 80.5	80.7	80.2 80.8 81.3	81.0	80,7 81,3
≥ 6000 ≥ 5000	31.1	69.4			79.6 80.0	80.0	_ ~ ~ ~ =	81.0		اء تصا		81.8		82.1	82.3	82.6
≥ 4500 ≥ 4000	31.5	70.2	75.4 75.9	78.6		80,9	81.7	81.9	81.9	1	82,8			2277	27.	83.6
≥ 3500 ≥ 3000	31.9	71,5	76.9	80.2	82.1	82.5	83,3	83.5		1 = . T T	84,4	84,4	84.6	84.6	84.8	85.2
≥ 2500 ≥ 2000 ≥ 1800	32.4	73.7	79.1	82.5	84,6	84.9	85.8	86.0	86,0	86,6	86,9	86,9	87.1	87.1	87.3	87.7
≥ 1800 ≥ 1500 ≥ 1200	32.8	74,6	80.2	83.8	85.9	86.2	87.1	87,3	87.3	87,9	90.0	90.0	90.2	90.3	90.5	89.0 90.8
≥ 1000	33.4	77.7	83.5	87.2 87.0	89.4	89,8	91.1	90,9	90.9	91.5	91.8	91.8		92.5		92.6
≥ 800	33.7	78,9	84.9	90.2	91.1	91.6	1	92.7	92.8	93.4	93.7		93.9	93.9	94.1	94.5
≥ 600	34.0	00.5	86.7	90.9	93.2	93,6	95.5	9: 7	94.8	95,5	95.7	95,7	96.9	96.0	97.2	97.6
≥ 400	34.1	81+2 81+2	87.5	92.0		75.2	96.3				97.7	97.7	97.6	98,1	97.9	98,9
≥ 200	34.1	81+2		92.1			96.7	96,9	97.0	97.9	98.2	98.2	98.6	98.7	98.9	99.6
≥ 0	34.1	21,2	87.6	92.1	94.9	95,4	196.7	96,9	97.0	97,9	58.2	98.2	98.6	98,7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS,

3179

USAF ETAC 2014 0-14-5 (OLA) HERIOUS EDITIONS OF THIS FORM ARE GESOCETE

#### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

SEP.

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_\_0600=0800

CEILING				-			VISIBII	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	24	≥ ⅓	≥ 5/16	2 5	≥ 0
NO CEILING ≥ 20000	21.1	42,5		49.2		52.6		53,5 61,8	53.5	53,9 62.2				54,1	54.3	54.3
≥ 18000 ≥ 16000	24.5	49.6	54.1 54.3	57.4 57.5	60.7	61,0	61.6	62,1	62.3	62,5 62,6	62.6	62.6	62.7	62.7	62,9	63,0
≥ 14000 ≥ 12000	25.4	51,2 53,7	55.8	59,3	62.4	62,9	66,6	64.0	64.0	67,4	64.5	64.6	64.7	64,7	64.9	65.0
≥ 10000	27.8	55,5	61.4	65,3	68,6	69,2	68.9 69.9	79.4	69.4 70.4	69,8 70,8	69.9 70.9	70.9	70•1 71•1	70,1 71,1	70.3 71.3	70.4 71.4
≥ 8000 > 7000	28.7	58,4	63.7	67.6	70 • 1 71 • 1	70.6	71.3	71.9	71.6	72.2	72,4	72.4	72,5	72,5	72.7	72,8
≥ 6000 ≥ 5000	28.9	38,9 59,6	64.9	68,8	72.3	72.2	73.7	73,4	73.5	73,8	74.0	74.0	74.5	74.2	74.4	74.5
≥ 4500 ≥ 4000	30.1	90+0 91+0	66,3	70.3	73.8	74.4	75.2	74,6	74.7 75.8	76.1	75.2	75.2 76.3	75.3	75,3 76,4	75,5	75,6
≥ 3500 ≥ 3000	30.5	62,5	67.9	72.0	75.5	76.2	77.0	70,5	70.5	77.9	78.1	77.1	77.2	77,2 78,2	77,4	77,5
500 ≥ 4000	32.1	65,3	70.9	75.2	78,8	79,5	78.3 80.3	80.8	80.9	81,2	81.4	79.4 81.4	81.6	81.6	79,8	79,8
≥ 1800 ≥ 1500	32.8	67.0 68.8	72.5	77.1	80.6	81,4	82.2	81,3	82.8	83.2	83,3	83,4	82.0 83.6	82,0	82.8	82.3
≥ 1200 ≥ 1000	34.4	71,3	77.4	82.3	86.2	87,0	87.9	85,3	88,6		89,1	89.2	89.4	86,0	89,6	89.7
≥ 8/C ≥ 8/C	35.0 35.1	73.1	79.6	84.7	88.7	89,6	90.6	91,2	91.2	90.0	90.2	91.8	90.4	90,4	90.7	90.8
≥ 700 ≥ 600	35.2	74.8	81.7	87,2	91.3	92.2	93.5	92 · 5 94 · 2 95 · 7	94.2	94,6	94,0	93.5 94.8	93.7	93.7	95.3	94.1
≥ 500 ≥ 400	35.4	75.5	82.5	88.3	92.8	93,9	95.6		96.5	97.1	90.4	96.4	96.7	96.7	97.8	98.0
≥ 300 ≥ 200 ≥ 100	35.4	75.6	82.7	88.5	93.1	94,2	96.1	97,2	97.2	98.3	98.4	98.4	98.5	98,5	98.8	98.9
≥ 100 ≥ 0	35.4	75.6	82.7	88.5		94.2	96.1	97,2	97.3		98.4	98.5 98.5		99,1	99.5	99.8

TOTAL NUMBER OF OBSERVATIONS

3235

USAF ETAC JUL 34 0-14-5 (OL A) PREVIOUS EDITIONS OF THE FORM ARE OBSOLETE

#### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MUNTGOMERY

37-72

SEP

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0900+1100

CEILING							ViSIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥4	≥ 3	≥ 21/2	≥ ?	≥ 1½	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ⅓	≥5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	39.7 45.5	50,9	51.5 60.0		52.1	52 · 1 60 · 7	52.1	52 • 1 60 • 7	52.1	52.1 60.7	52.1	52.1	52.1 60.7	52.1 60.7	52·1 60.7	52.1 60.7
≥ 18000 ≥ 16000	45.6	59,4 59,8	60.6	60.7	61.2	60 · 8	60.9	60.9	61.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 14000 ≥ 12000	46.8	61.4	62.1	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62,8	62.8	62.8	62.8	62.8	62.8
≥ 9000 ≥ 9000	50.0	66.7	67.4	67.6	67.8	67.8	68.3	67,8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000 ≥ 7000	50.4	68,5	68.7	70.0	69.6 70.3	70.4	70.4	69.6 70.4	69.6	69.6 70.4	69.6	69.6	69.6	69.6	69.6	69.6
≥ 6000 ≥ 5000	51.2	69,7	70,6	70.4	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70,8	70.8
≥ 4500 ≥ 4000	52.0 53.1	70,1	71.0	73.2	72.1	72.1 73.6	72.1	72.1	72.1 73.6	72.1	72.1 73.6	72.1	72.1	72.1	72,1	72.1
≥ 3500 ≥ 3000	54.0 56.4 58.4	75,8	76.7	77.6	74.8	74,9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74,9	74.9	74.9
≥ 2500 ≥ 2000	61.6	70,6 82,8	83,8	80.3	84.9	85.0	85.0	80 · 7 85 · 0	85.0	85.0	80.7	80.7	85.0	85.0	80.7	85.0
≥ 1800 ≥ 1500	04.4	87,4	88.7	89,5	89.9	86,2	90.0	90 0	90.0		90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	66.6	90.5 92.2 92.9	93.6	94.7	95.4	93.3	93.4	93 • 4	93.4 95.6	93,4 95,6	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900 ≥ 800	66.9	93,6	95.3	96.5	97.2	96+3	96.5	97.6	97.6	96.5	96.5	96 • 5 97 • 6	96.5	9615	96.5	96.5
≥ 700 ≥ c.0	67.1	94,4	96.0	97.7	98.5	98,7	99.4	98,4 99,2	98.4		98.5	98.5	98.5	98,5	98.5	98.5
≥ 500 ≥ 400	67.1	94.5	96.6	98.0 98.0	98.8 98.9 98.9	99,1	99.5	99,6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300 ≥ 200	67.1	94.5	96.6	98.0	98.9		99.6	99.8	99.8	22027	00 • 01	00 + 01	LOO+011	LOO • 0:3	00.01	.00 • 0
≥ 100	67.1	94.5	96.6	98.0	98.9		99.6	99.8 99.8	99,8 99,8	99.91	00 • 01	.00 • 011	(OO • OI)	L00 • 00	Looanii	00.0

TOTAL NUMBER OF OBSERVATIONS\_

3225

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

#### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

SEP

# PERCENTAGE FREQUENCY OF OCCURRENICE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING	······································	-					VISIBIL	ITY (STATUI	E MiLES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	_11/2	≥ 1¼	≥ 1	≥ ¼	≥ ¼	≥%	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	44.2 54.3	47.7 59.4	47.7 59.5	47.7 59.5	47.7 59.5	47.7 59.5	59.5	47,7 59,5	47.7	59,5	59.5	47.7	47.7	47.7	47.7	
≥ 18000 ≥ 16000	54.6 54.8	60.0		59,8	59.8	59,8	60.1	59,8	59.8	59,8	59,8	59.8	59.8 60.1	59,8	59.8 60.1	59,9 60,1
≥ 14000 ≥ 12000	55.9 57.8	64,1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	61,4	64.2	64.2	61.4	61,4	61,4	64.3
≥ 10000 ≥ 9000	60.0	67.5	67.1	67.6	67.7	67.7	67.7	67.7	67.7	67.2	67.7	67.7	67.7	67,2	67.7	67,3
≥ 8000 ≥ 7000	61.7	69,2	69.4	69,6	69.6	69.6		69,6	69.6	69.6	69.6	69.6		69.6		
≥ 6000 ≥ 5000	63.5	71,2	71.6	71.7	71.7	70.1	70.1	70,1	70.1	70.1	70.1	70.1	70.1 71.7	70.1	70.1	70.1 71.8
≥ 4500 ≥ 4000	67.5	76.1	76.6	76.8	76.8	76.8	72.8	72.8 76.8 80.7	76.8	76.8	72.8 76.8	76.8	72.8 76.8	76,8	76.8	72.8 76.8 80.8
≥ 3500 ≥ 3000	74.8	85.2	85.7	85.9	89.7	85.9	85.9	85,9	85.9	85.9	85.9	85.9	85.9	85.9		1 1
≥ 2500 ≥ 2000	79.0	91.5	92.1	92,5	92.5	92.5	92.6	93.5	92.6	92.6	92.6	92.6	92.6	4.	92.6	
≥ 1800 ≥ 1500 ≥ 1200	80.2	93,8	96.0	94.9	95.1	95,1	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95,4	95.4	95.4
≥ 1000	81.1	95,9	96.7	97.3	97.6	97.6		97.9	97.9		98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	81.2	96.3	97.2	97.9	98.3 98.6	98.4	98,9	93,7	99.0	98.8	98.8	98.8	98.8	98,8	98.8	98.9
≥ 600	81.3	96,5		98.2	98.8	98,9		99,4	99.4	99.5	99.5	99.5	99.5		99.5	<del></del>
≥ 400	81.3	9616	97.5	1 :: * *	1 1	99.1	199.4	99.5	99.5	99.€	1 • * - 1	99.8	99.9	29,9		99.8
≥ 200	81.3	l <del>-</del> '	97.5	98.3	1 - 1		1 *						99.9	99,9	99,9	100.0
≥ 0	81.3	96,6	97.5	98,3	98.9	99.1	99.4	99.6	99.6	99.8	99,9	99,9	99.9	79,9	99.9	100.0

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CENTRAL C							VISIBIL	ITY (STATUT	E MILES)							
CEILING (FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ %	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.5	53.5 69.2	53.5	69.2	53.5 69.2	53+5 69+2	53.5	69.2	53.5	53.5	69.2	53.5	53.5	69.2	53.5	53.5
≥ 18000 ≥ 16000	63.2	70.0	69.6 70.1	70.2	70,2	70.2	69.6 70.2	70,2	69.6 70.2	70.2	70.2	70.2	70,2	70,2	69.6 70.2 71.8	69.6 70.2 71.8
≥ 14000 ≥ 12000	67.2	71.6	71.6	71.7	71.8	71.8	75.5	75,5	71.8	75.5	71.8 75.5 78.8	71.8 75.5 78.8	75.5	71+8 75+5 78+8	75.5	75.5
≥ 10000 ≥ 9000	70.1	78,6	78.7	78.8	78.8 79.6	78.8 79.6 81.4	79.6	79.6	78.8 79.6	79.6		79.6	79.6	79.6	79.6	79.6
≥ 8000 ≥ 7000	71.2 72.0 72.5	82,1 83,1	81.2 82.2	82.4	82.4	82.4	82.4	82.4	82.4		82.4	82.4	82,4	82,4	82.4	82,4
≥ 6000	73.7	84,7	84.9	85.1	85.1	85.1	85.1	85,1	85.1	85,1	85.1	85.1	85.1	85,1	85.1	85,1
≥ 4500	75.7	87,6		88.2	88.2	88 . 3	88.3	88,3	90.0	90.0		90.0	88.3	88,3	90.0	
≥ 3500 ≥ 3000 ≥ 2500	78.0	91+1 92+5	91.6	1 E	92.0	92.0			92.0	92.1	92,1	92.1			92.1	92.1
≥ 2000	79.4	93.7	94.4	94.9	95.0	95,1		95,7	95.7	95.7	95.7	95.2	95.2	95,7	95.2	95,2
≥ 1500	80.0	94,9		96.4	96.6		1	97.6	97.6		I - 2 -1		97.6	97.6	97.6	96.8 97.6 98.2
≥ 1000	80.3	95,9	96.9	4 3 1 7 7	98.0		98.3		98.4	98.4	98.4	98.2 98.4 99.1		98,5	98.5	98.5
≥ 800 ≥ 700	80.4		97.4		1 1371	98,9	1.44.	99.2	99.0		99.3	99.3	99.4		99,4	99,4
≥ 500	80.4		تشما	98.6	99.0	9910	99.4	99.6		99,7	99.8	99.8	99.9	99,9	99.9	99.9
≥ 400	80.4		97.	98,6	99.1	99.2	99,	99,7	99.7	99,0	99.9	99,9	100.0	100.0	100.0	100,0
≥ 200 ≥ 100 > 0	80.4 80.4	96,5	97.	98.6	99.1	990	99	99,7	99,7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	1 0017	1 : 4 .						ناننان					. <del></del>			

TOTAL NUMBER OF OBSERVATIONS

323

USAF ETAC JULGE 0-14-5 (OLA) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLE

#### **CEILING VERSUS VISIBILITY**

MAXWELL AFB ALABAMA/MONTGOMERY 37-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VISIRIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	2.5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 1%	≥ 1%	ا ≲	≥ ¾	≥ %	≥ 1⁄2	≥5/16	≥ %	≥ 0
NO CEILING ≥ 20000	44,8 52,4	59,7 70,7		60.1 71.3	60.1 71.4	60.1 71.4	60.1	60,1	60.1 71.4	60.1 71.4	60.1 71.4	60.1	60.1	60.1 71.4	60.1 71.4	60.1 71.4
≥ 18000 ≥ 16000	52.8 52.8	71.4	71. ī 72. 0	71.7 72.1	71.8 72.2	71.8	71.8	71,8	71.8	71,8	71.8	71.8	71.8	4.77	71.8	71.8
≥ 14000 ≥ 12000	56.6	73,2 77.0	73,9	74.0	74,1 77.9	74 01 77 09	74.1	74,1	74.1	74,1	74.1 77.9	74.1	74.1	74,1	74.1	74,1
≥ 10000 ≥ 9000	58.4 58.9	81.4	81.2 82.1	81.3	82.3	82.3	82,3	81,4	82.3	81.4	82.3	81.4 82.3	82.3	82,3	81,4	81,4 82,3
≥ 8000 ≥ 7000	59.7	82,9	83,7	83.8 84.9	83.8 85.0	83.8	85.1	83.9 85.1	83.9	83.9	83.9 85.1	83.9	83.9	83,9 85,1	83,9	83.9
≥ 6000 ≥ 5000	60.8	86,5	85.8 87.3	86.0 87.5	86,1 87.6	86 + 1 87 + 6	86.1 87.7	86,1 87,7	86.1	86.1 87.7	86,1 87,7	86.1 87.7	86.1 87.7	86,1 87,7	86,1	86,1 87,7
≥ 4500 ≥ 4000	62.0	87,2		88.2 89.9	88.4 90.1	90+1	90.1	88,4 90,1	90:1	88.4 90.1	88,4 90.1	90.1	88.4 90.1	88,4 90.1	88 • 4 90 • 1	88.4 90.1
≥ 3500 ≥ 3000	64.0	91.1	90.6 92.2		90.9	90,9		90.9	90.9	90.9		90.9	90.9	90,9 92,7	90.9	90.9
≥ 2500 ≥ 2000	64.7	92,1	93.3	93.6 95.1	93.8 95.5	93.8	95.5	93,9	93.9	93,9	93.9	93.9	- 7	7	93.9	93,9
≥ 1800 ≥ 1500	64.9	93,9	95.3	95.6 96.6	; -	96.0	96.0	96,0	96.0	4 - " "	96.1	96.1	96.1	96,1	96,1	96.1 97.1
≥ 1200 ≥ 1000	65.3	95,2	96.9	97.3 97.6		97.6	97.7	97.8 98.1	97,8	97.8	97.9 98.2			1 4 4 7 -1	97.9	97.9 98.2
≥ 900 ≥ 800	65.4	95,7	97.1	97.7	98 · 1 98 · 5	98.1	98.2	98,3	98.3	98,6	98.8	98.4 98.8	98.4	98.4 98.8	98.4 98.8	98.4 98.8
≥ 700 ≥ 600	65.5	95,9	1 2 2 4	98,2 98,4	98.6 98.9	98.7	98.8	99,0	99.0		99,1	99.1	99.1		99.1	99.1
≥ 500 ≥ 400	65.5	96 1	97.7	98.5	99.0	99.1	99.2	99,5	99.5	99.8	99.9	99.9	99.9	99,9	99.8	99.9
≥ 300 ≥ 200	65.5	96,1	97.7	98,5	99.1	99.1	99.3	99,7	99,7	99,9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	65.5	96,1	97.7	98,5	99.1	99.1	99.3		99,7	99,9	100.0	100.0	100.0	100 . 0	100 0	100.0

USAF ETAC TOLGE 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

SEP\_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_2100=2300

								VISIBIL	ITY (STATUT	E MILES)							
CEILII (FEE		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEI ≥ 20	1	42.0	66.3	67.2	67.8 75.3	67.9	67.9	• • • • • • • • • • • • • • • • • • •	67.9	67.9 75.5	75,5	67.9 75.5	67.9 75.5	75,5	73.5	68 · 0 75 · 5	68+0 75.5 75.7
≥ 18 ≥ 16		46.6	73.9	75.0	75.5 75.9		75.7	75.7	75.7	75.7	75.7 76.1	75.7 76.1	75.7 76.1	75.7	75.7 76.2 78.0	75.7 76.2 78.0	76.2
≥ 14 ≥ 12		47.7	76 1		80.7	77.9 80.9	80.9	80.9	77,9 80,9	80.9	78.0 80.9	80.9 83.1	78 • 0 80 • 9			80.9	
≥ 10 ≥ 9		49.8 50.0	81.5	82.8	82.9 83.4	83.5	83.3	83,6	83.1 83.6	83.1	83.1 83.6	- i - i	83.1 83.6 84.9	4 2		83.6	83,6
≥ 8 ≥ 7		50.6	82.7		85.7	85.8	84.9		84.9	84.9	85,9	85,9	85.9	85.9	85.9	85.9	85,9
≥ 6	6000 5000	51.8 51.8	85,4	86.7	86.5	86.6	86.6	87.6	87.6	87.6	87.6		86.7 87.6	1 00 4	87,7	87.7	87,7
	4500 4000	52.3 53.0	86 • 1 87 • 7	87.5 89.1	88.2 89.8	90.0	90.0	90.0	90.0	90.0		88.4 90.0	90.0	90.0	90.0	90 60	90.0
	3500 3000	54.0	89.8		90.6	92.2	90+8	92.3		90.8	92.3	92.3	90.8	92.3	92.3	92.3	92.3
	2500 2000	54.2		92.0	92.7	92.9	92.9	94.2	94.2	94.2	93,0	94.2	94.2	94.	94,2	94.2	94.2
	1800 1500	54.8	92.7	93.2	95.3	95.5	94.6	95.6	95,6	95.6		95.7	95.	95.	95.7	95.7	95.7
	1200 1000	55.5	94.3	96.1	96.4 97.3	96.7	96.8	97.7	97.8	96.8		96.9	96.9	1	97.9	97.9	97.9
<u>}</u>	900 800	55.8	94.8	96.6	97.8	98.2	98.2	98.	98,4	98.4	98.4	98.5		98.	98.	98.	98.5
2:	700 600	56.0	- A - A	97.7	98.6	99.0		99.2	99.0	99.0	99,4	99,5	1 1	99.		99.	99.5
21 22	500 400	56.0	95 .6	97.	98.7	99.3	99,4	99.	99.6	99.7	99,	99,7	99.1	99,	99,9	99,9	99.9
2 2	300 200	56.0	'l .a'.	97.	98.	99.3	99,4	99.0	99.7	99.7		99,9	99.	100.	0100 •	100.	100.0
2	100	56 · (			41 * - ' .		1 - 1			99.	7 99						100 • 0

TOTAL NUMBER OF OBSERVATIONS

3175

USAF ETAC JULIA 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

#### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-71

DCT

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VISIBIL	ITY (STATUT	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	33.1 35.0	69.7	69.1 72.9	70.9	72.0 75.8	72.2	72.5	72,7	72.8	72,9	73.0 76.8	73.0		73,2 77.0	73.4 77.2	73.5
≥ 18000 ≥ 16000	35.0 35.2	70.0	73.0 73.2	74.8	75.9 76.2	76.2 76.4	76.4 76.7	76,6	76.7 76.9	76.8 77.0	76,9 77,1	76.9 77.1	77.1	77,1	77.3	77,5
≥ 14000 ≥ 12000	35.5 36.0	70.8	74.1	75.8	77.0 78.5	77.2	77.5	77,7	77.8	77,9	78.0 79.4	78.0 79.4	78.2	78,2 79,7	78.4	
≥ 10000 ≥ 9000	36.4	73,6	70.5	78.7	79.8	80.0	81.0	80.5	81.2	81.4	80.8	80.8	81.7	81.0 81.7	81.2	81.4
≥ 8000 ≥ 7000	37.0 37.5	76.2	78.3 79.5	80.1 81.2	82.4	81.5	82.9	82.0 83.1	82.0 83.1	82.2	82.3	82.3	82.5	82.5	82.7	82,8
≥ 6000 ≥ 5000	37.7 38.2	77,8	81.2	81.9	84.2	83.3	83,6	83.8	83.9		85,2	84.1	84.3	84,3	85.6	
≥ 4500 ≥ 4000	38.4	79.0	82.5	84.3	85.5	85.7	86.0	85.3	86.3	85,5	86,5	85.6	86.7	85.8 86.8	86.9	87.1
≥ 3500 ≥ 3000	39.6	80.9	84.4	86.3	87.5	87.7	88.0	87 · 2	88.3	88.4	88,5	87.5	88.7	87.7	87,9	88.0
≥ 2500 ≥ 2000	40.0		85.4	88,6	89.9	90.1	90.4	90,6	90.7	90.8	90.9	90.9	91.1	91,2	90.0	90,1
≥ 1800 ≥ 1500	40.7	ã4,3	88.0	89.1 90.1	90.4	90.6	92.0	92.2	91.2	92.4	92.5	92.5	91.7	92.7	92.9	92,1
≥ 1200 ≥ 1000	41.6	86,4	90.4	92.7	94.1	92.9	94.6	94.8	93.6	93,7	95.1	95.1	95,3	95.3	95.6	
≥ 900 ≥ 800	41.9	87,6	90.9	94.1	95.5	95.7	96.1	96.3	96.4	96.5	96,6	96.6	96,8	96.9	96.2	96,3
≥ 700 ≥ 600	41.9	88.4	92.6	95.1	96.5	96.7	97.2	96,7	97.4	96,9	97.6	97.6	97.8	97,9	98.1	97.6 98.2 98.5
≥ 500 ≥ 400	42.0	2111	92.	95,3	96.9	97.0	97.6	97,8	97.9	98.a	98.	98.1	98.3	98,3	98.6	98,7
≥ 300 ≥ 200	42.0	88,6	92.9	95.7	97.3	97.5	98.1	98,2	98.4	98.0	98,7	98.7	98.9	98,9	99.1	99.4
≥ 100	42.0 42.0		_ T &	95.7	97.3	97.5	98.1	98.3	78.4	98.7	98.	98.8	99,1	99,2	99,5	100.0

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONTGOMERY 37-72

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0300=0500

CEILING							VISIBI	ITY (STATUI	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	25.6	55.0 57.7		63.0	65.0	65,5		67,2 70,1	67.2 70.1	68.0 71.0	68.3 71.4	68.4	69.1	69.1	69.4	69,9
≥ 18000 ≥ 16000	26.7	57.9 58,1	63,4	66.1	68.2	68,6	70.1	70,3	70.3	71.2 71.4	71.6	71.6	72.3	72,4	72.6	73.2
≥ 14000 ≥ 12000	27.2	58,9 00,2	65,8	67,2 68,7	70.8	69.7 71.2		71.4	71.4	72.3	72.6	72.7	73,3	73,4	73.6	74.2
≥ 10000 ≥ 9000	28.3	61,3	67.0	69,9	72.0	72.2	73.6	74.2	74.0	75.1	75.4	75.5	75.9	76,2	76.2	77,0
≥ 8000 ≥ 7000	29.0	63,1	69.1	72.0	73.3	73.7	75.9	75,3	70.3	77.2	77.6	76.8	78.3	78.3	78.6	79.1
≥ 6000 ≥ 5000	29.9 30.7 30.9	65,5	70.0	74.5	76.6	77.1	78.5	78.9	78,9	78.3	78,6	80.2		80.9	81.2	80.2
≥ 4500 ≥ 4000	31.3	66.6 67.2	72.7	75.7 76.5	77.9	78.3	79.8	80,2	80.2	81.0	81,4	81.4	82.1	81,3 82,2	82.4	83.0
≥ 3500 ≥ 3000	31.8	68,2	74,4	77.6	79.8	80.3	81.8	82.2	82.2	83.1	83.5	83.5	84.2	84.2	84.5	85.0
≥ 7500 ≥ 2000	33.1	71.0	77.2	80.7	83.0	83.4	85.0	85.4	85.4	86.3	86.7	86.7	87.4	87.4	87.7	88.9
≥ 1800 ≥ 1500 ≥ 1200	33.5	72.4	76.7	82.1	84.5	85.0	86.6	87.0	87.0	87.9	90.0	88.3	90.7	90.8	89.3	91.6
≥ 1000	34.5	75.8	81.9	85,5	88.0	88.5	90.1	90.6	90.6	91.4	91.8	91.9	92.5	92.6	92.8	93.4
≥ 800 ≥ 700	34.7	76.3	82.9	86.7	89.3 90.0	90.5	92.2	91.9	91.9	92.8	93.2	93.2	93.9	94.0	94.9	94.8
≥ √00	35.1 35.2	77.4	84.7	88.3	91.0	91.5	93.2	93,6	93.6	94.5	94.9	95.7	95.6	95.7	95.9	96,5
≥ 400	35.2	78,1	85.1	89.2	92.0	92.6	94.4	94.8	94.8	95.8	96.8	96.8	96.9	96.9	97.8	97.9
≥ 100	35.2	78,4	85.4	89.7	92.7	93.5	95.2		95.8	96.9	97.6	97.5	98.0		98.4	
≥: 0	35.2	78,4	85.4	89,7	92.9	93.5	95.4		95.8	97.1	97.6	97.6	98.4	98,5	98.8	100.0

#### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MUNTGOMERY

37-72

UCT

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0600=0800

CEILING							VISIBIL	ITY (STATUT	E MILES)	-						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/2	≥ 11/4	≥ 1	≥ ¾	≥ ¾	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	21.5	41.5	46.5 50.6	50.6 55.0	54.6 59.2	55.6	57.6	58,7 63.5	58.8	60.1 65.0	60.8	60.8 65.8	61.0	61.0	66.4	61.8
≥ 18000 ≥ 16000	22.9	45,5 45,8	50.9	55.3 55.7	59.5 59.9	60.9	62.6	64.1	64.3	65.7	66.4	66.3	66.7	66.7	67.1	67.5
≥ 14000 ≥ 12000	23.3	46,6	52.2 54.0	58,5	62.8	63.8	66.0	67.1	67.3	68,7	69,4	69.5	69.7	67.8	68.2 70.1	70.5
≥ 10000 ≥ 9000	24.5	49,5	55.9	60.4	64.7	65.8	68.0	69.2	69.3	70.7	71,3	71.5	71.8	71,8	71.7	72.2
≥ 8000 ≥ 7000	24.9	51,6	57,8		66.8	67.8	70.1	71.3	70.5	72.9	72.7	72.7	73.0	73.0	73,4	73.8
≥ 6000 ≥ 5000	25.7	53,5	59,8		68.9	69.9	72.2	73.5	72.7	74,2	75,8	75.9	75.2	75,2	76.5	77.0
≥ 4500 ≥ 4000	26.9	34.0 54.7	61.1	65.7	70.3	71.4	72.8	75.0	75.1	76.6	77,3	77.3	77.6	77,6	78.0	78.4
≥ 3500 ≥ 3000	27.2 27.9 28.4	57,0	63.5	68,1	72.9	74.0	76.3	77.6	77.8	79.2	80.0	80.0	80.3	80.3	80.6	81.1
≥ 2500 ≥ 2000	29.2	59,6	66.3	71.1	75.8	77.0	79.4	80.7	80.8	82.3	83.0	83.0	83.3	83.3	83.7	84.1
≥ 1800 ≥ 1500	29.9	61,6	68.6	73.4	78.3 80.4	79,5	81.8	83,3	83.4	84.8	85.6	85.6	85.9	85.9	86.3	86.7
≥ 1200 ≥ 1000	31.3	64.7	72.5	77.5	82.7	83.9	86.4	87.8	88.0	89,5	90.3	90.4	90.6	90,6	91.0	91.4
≥ 900 ≥ 800	31.7	66,4	74.5	79,8	85.1	86.3	88.8	90,3	90.5	92.0	92.9	92.9	_ * * ;	93.2		94.0
≥ 700 ≥ 600	31.9	67,6	75.8	81.4 82.1	86.9	88.2	91.0	92.0	92.7	94.3	95.2	95.2	95.5	95,5	95,9	96.3
≥ 500 ≥ 400	31.9	68,2	76.6	82.6	88.4	89.7	92.7	94.4	94.7	96.4	97.7	97.3	97.6	<b>~~</b> '.		98.5
≥ 300 ≥ 200	31.9	68,Z	76.1	82.7	88.6	89,9	93.0	94.8	95.g	96.8	97.8	97.8	98.3	98.3	98.7	99.5
≥ 100 ≥ 0	31.9	68,2 68,2			88.6	89.9	1 T	1773	95.0 95.0	64 6	97,9	97,9		98.5		100.0

TOTAL NUMBER OF OBSERVATIONS

333

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

DCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0900-1100

CEILING							VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	38.8 41.9	56.1 62.0	58.2 64.3	59.4	60.3	60.4	67.1	67.2	67.2	61.0	61.0 67.5	61.0	61.0	61.0	61.0	61.0
≥ 18000 ≥ 16000	42·1 42·3	62.7	65.1	66.1 66.5	67.2 67.7	67.3 67.7	67.4	67.5	67.6 68.0	68,3	67.9	67.9 68.3	67.9	67,9	67.9 68.3	67.9
≥ 14000 ≥ 12000	43.0 43.6	64.0 65.1	67.6	69.2	70.3	70.4	70.5	70.7	70.7	69.8 71.0	71.0	71.0	71.0	71.0	69.8 71.0	71.0
≥ 10000 ≥ 9000	44.3	67.0	69.6	70.8	71.9	72.4	72.1	72.7	72.7	72.6	72.6	72.6	73.0	72,6	72.6 73.0	72,6
≥ 8000 ≥ 7000	44.9	68,6	70.3	71.9	73.0	73.1 74.1	73.2	73.4	73.4	73.7	73.7	73.7	73.7	73,7	73.7	73.7
≥ 6000 ≥ 5000	45.5	70.1	72.8	74.4	75.6	74.0	75.8	75.0	75.1	75.4	75.4	75.4 76.3	75.4	75,4 76,3	75.4 76.3	75.4 76.3
≥ 4500 ≥ 4000	47.6	70.6	74.4	76.0	77.2	76.2	76.3	77.6	76.5	76.8 78.0	76.8	76.8 78.0	78.0	76.8 78.0	76.8 78.0	76,8 78,0
≥ 3500 ≥ 3000	48.4 49.8	73.0	77.5	79.6	80.8	80.9	81.0	81.2	81.2	81.5	81.5	79.4 81.5	81.5	81.5	79.4 81.5	81,5
≥ 2500 ≥ 2000	33.1 54.0	79.9	82.8	84.6	85.9	86.0	86.1	86.3	86.3	86.6	86.6	86.6	86.6	86.6 87.9	86.6	2
≥ 1800 ≥ 1500	55.3	83,4	86.5	88.3	89.6 92.7	89.7	89.9	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200 ≥ 1000	57.0 57.3	87,5	91.0	93.0	94.5	94.6	94.9	95.9	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900 ≥ 800 ≥ 700	57.5	89.1	92.8	94.9	96.4	96.6	96.8	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	4 7 7 7
≥ 600	57.7	89.9 90.0	93.9	95.8	97.5	97.7	98.0	98.2	98.3	98.8	98.8 99.4	98.8	98.9		98.9	98.9
≥ 500 ≥ 400 ≥ 300	57.7	90.0	93.9	96.3	98.1	98.4	98.8	99.1	99.2	99.6	99.7	99.7	99.8	99,8	99.8	99.8
≥ 200	57.7 57.7	90.0	93.9	96.3	98.1	98.4	98.8	99.1	99.3	99.7	99.9	99,9		99.9		100.0
≥ 0	57.7	90.0	93.9	96.3	98.1	98,4	98.8	99,1	99.3	99.7	99,9	99.9	99.9		100.0	

TOTAL NUMBER OF OBSERVATIONS

3336

USAFETAC 100 37.64 3-14-5 (OLA) MEVICUS EDITIONS OF THIS FORM ARE OBSOLET

#### **CEILING VERSUS VISIBILITY**

MAXWELL AFB ALABAMA/MONTGOMERY

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200=1400

CEILING							VISIBII	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	50.5 57.5	58.3 66,6	58.6 67.0		58.9 67.4		59.0		59.0	59.0 67.5	59.0 67.5	59.0		59 · 0 67 • 5	59.0	59.0 67.5
≥ 18000 ≥ 16000	57.7 58.1	67.0 67.4	67.7	67.6 68.0	67.7 68.2	67.8	67.8	67,8 68,3	67.8	67.9	67.9 68.3	67.9 68.3	67.9	67,9	67.9	67.9
≥ 14000 ≥ 12000	58.8 59.9	70.4	70.7	69.2 71.0	71.2	71.2	71.2	69,4 71,2	69.4 71.2	69.5 71.3	69.5 71.3	69.5 71.3	69.5	69,5	69,5	69.5
≥ 10000 ≥ 9000	61.5	72.4	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72,9 73,3	72.9	72.9 73.3
≥ 8000 ≥ 7000	62.9	73,4	74.6	74.9	75.1	74.3 75.1	74.3	74,3 75,2	74.3	74,4	74,4	74.4	74.4	74,4	74.4	74.4
≥ 6000 ≥ 5000	64,3	74,7	75.1	76.8	77.0	77.1	77.1	75.6 77.1	77.1	75,7	75.7 77.1	75.7	75.7 77.1	75.7 77.1	75.7 77.1	75.7 77.1
≥ 4500 ≥ 4000	65.3 67.5	77,3 80,0	80.4	80.7	81.0	81.0	81.0	78,3 81.0	78,3 81.0	78.3 81.1	78.3	78.3	78.3 81.1	78,3 81.1	78 • 3 81 • 1	78,3
≥ 3500 ≥ 3000	72.8	86,4 89,2	82.7 86.9 89.8	87.2	87.5	57.5	83,4	83.4 87.6	87.6	83.4	87.6	87.6	87.6	87,6	83,4	83.4 87.6
≥ 2500 ≥ 2000	76.6	92.0	92,5	93.1	90.4	93.3	93,4	90,5	93.4	93,5	90.6	90.6	90.6	90.6	90,6	90,6
≥ 1800 ≥ 1500	77.8	94.0	94.6	95.1	95.4	95.5	94,3	94,3	94.3	94.3	95.6	95.6	94.3	94,3	94.3	94.3
≥ 1000 ≥ 1000	78.5 78.5	95,8	96.5	97.0	97.5	97.6	96.7 97.7 98.1	96 • 8 97 • 7 98 • 1	96.8 97.7 98.1	96,9	96,9	97.8	96.9	96,9	96.9	97.8
≥ 900 ≥ 800	78.7 78.7	9614	97.2	97.8	98.4	98.4 98.7	98.6	98.7	98.7	98.2 98.9 99.2	98.2 98.9	98.2	98.2 98.9	98.2 98.9	98.2	98.2
≥ 700 ≥ 600	78.7	96.6	97.5	98,3	98.9		99.2		99.4	59.5	99,5	99.2	99.2	99.5	99.2	99.5
≥ 500 ≥ 400	78.7	96.6	97.5	98.4	99.0	99.2	99.5	99.7	99.7	99,9		99.8	99.9		99.9	99.8
≥ 300 ≥ 200	78.7	96,6	97.5	98,4	99.1	99,3	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	99.9	99.9
≥ 100 ≥ 0	78.7	- T T T	, , ,	4 7 1	99.1		99,6	99,8	99.8	100.0	100.0	100.0	100.0	100.0	00.0	00.0

TOTAL NUMBER OF OBSERVATIONS.

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

DC T

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_1500-1700

CEILING					-		VISIBI	LITY (STATU	ITE MILES)							
(FEET)	≥ 10	ه ≤	≥ 5	≥ 4	≥ 3	≥ 21/1	≥ 2	≥11/2	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ %	≥5′16	≥ %	≥ 0
NO CEILING ≥ 20000	54.9	62.9 72.3			63.8	63,8	63.9	63.9	63.9		64.0	64.0	64.0	64,0	64.0	64.0
≥ 18000 ≥ 16000	62.9	72,7	73.3 73.8	73.5	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73,8	73.8	73,8
≥ 14000 ≥ 12000	65.6	74,6	75.1 77.0	75.4 77.2	75.5 77.3	75,5	75.6	75.6 77.5	75.6 77.5	75.7 77.5	75.7	75.7	75.7	75,7	75.7	75.7
≥ 10000 ≥ 9000	67.4	78,3 78,6	79.2	79.0 79.4	79.2 79.6	79.3	79.4	79,4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
≥ 8000 ≥ 7000	69.5	80,2 81,5	80.8	81.0 82.3	81.2 82.5	81.2 82.5	81.4 82.6	81.4 82.7	81.4	81.4	81.5	81.5	81.5	81,5	81.5	81,5
≥ 6000 ≥ 5000	70;4	82,6	84.5	83.4	85.0	83.7 85.0	83.8	83,8 85,2	83.8	83.9 85.2	83.9	83.9	83.9	83.9	85.3	83.9
≥ 4500 ≥ 4000	71.8 73.3 74.5	86,6	87.2	87.5	87.7	85.7	85.8	85,9	85.9	85,9 88,0	85,9	85.9	85,9	85.9	85.9	85,9
≥ 3500 ≥ 3000	75.6	88,3 90,4	91.2	91,5	91.7	89.7 91.8	92.1	89,9 92,1	89.9 92.1	89,9 92,1	90.0	90.0 92.2	90.0	90.0	90.0	90.0
≥ 2500 ≥ 2000	77.0	93,3	92.3	92.7	95.2	92,9	93.2	93,2	93.2	93.3	93.3 95.7	93.3	93.3 95.7	93,3 95,7	93.3	93.3
≥ 1500	77.3	94,3	95.4 96.3	95.9	96.2	96.3	95.9	95,9	95.9	96.7	96.8	96.8	96.0	96.C	96.8	96,0
≥ 1200 ≥ 1000	77.7	95.8	97.0	97.6	97.2 98.0	97.2 98.1	98.4	97.6 98.5 98.7	98.5	98.6	97.8	98.7	97.8	97,8		97.8 98.7
≥ 900 ≥ 800 ≥ 700	77.8	96.1	97.4	98.1	98.6	98.6	99.0	99.1	99.1	98.7	98,8	99.2	98.8	98.8	99.2	98.8 99.2
≥ 600 ≥ 500	77.8	96.2	97.6	98.4	98.9	99.0	99.3	99.2	99.2	99.5	99.4 99.6	99.4	99.4	99,4	99.6	99,4
≥ 300 ≥ 400 ≥ 300	77.8	96,3	97.8	98.6	99.1	99.2	99.6	99,7	99.7	99.8	99.9	99.9	99.7		99.9	99.7
≥ 200 ≥ 100		96,3	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99,8	99.9	99.9	00.01	00.01	00.01	00.0
≥ 0		96,3		98.6		34771	99.6	99,7			99,9	99.91	00.01	00,01	00.01	00 • 0

TOTAL NUMBER OF OBSERVATIONS.

3336

USAF ETAC 101 AT 54 0-14-5 (OL A) MEWOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MUNTGUMERY

37-72

UCT

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_1800=2000 HOURS (LS\*)

CEILIFIG		_					VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21⁄3	≥ 2	≥11/3	≥ 1%	≥ 1	≥ ¥,	≥ ¾	≥ ⅓	≥ 5/16	≥ '%	≥ 0
NO CEILING ≥ 20000	46.3	74,5	70.0	71.2 77.0	71.8	71.6		71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
≥ 18000 ≥ 16000	49.6	74,9	76.8 77.0	77.4	78.0 78.2	78,2	78.1 78.3	78,1 78,3	78.1 78.3	78.1 78.3	78.2 78.4	78.2 78.4	78.2	78.2	78.2	78.2
≥ 14000 ≥ 12000	50.4	76.0	77.9	78.5	79.1	79.1	79.2 80.8	79,2 80,8	79.2 80.8	79.2 80.8	79.3 80.9	79.3 80.9	79.3 80.9	79.3	79.3	79.3
≥ 10000 ≥ 9000	51.6 52.0	79.0	81.5	82,2	82.8	82.8	83.0	82.4	83.0	82.5	82,5	82.6 83.1	82.6 83.1	82.6 83.1	82.6 83.1	82,6 83,1
≥ 8000 ≥ 7000	52.8 53.3 54.1	81.0 82.1	84.2	83,8	85.5	85,5	84,6	85,7	85.7	85.7	84.7 85.7	84,7	84,7	84.7	84,7	85.8
≥ 6000 ≥ 5000	54.9	84,6	85.4	86.0	88.0	86,6	88.2	86,8	86.8	88.2	86,9	86.9	86.9	86,9	88.3	88.3
≥ 4500 ≥ 4000	55.8	86.6	88.7	89,4	90.0 90.0	90.0	88.9 90.2	90.2 91.0	90.2	90.2	90.2	89.0 90.3	89.0 90.3	90.3	89.0 90.3	90.3
≥ 3500 ≥ 3000 ≥ 2500	56.9	88.7 90.0	91.1	91.8	92.4	92.4	92.7	92,7	92.7	92.7	92.8	92.8	91,1	91,1 92,8	91.1 92.8 94.2	91,1
≥ 2500 ≥ 2000 ≥ 1800	57.6	91.4	93,9	94.8	95.5	95.5	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9
≥ 1500	57.9 57.9	92.3	94.9	95.8	96.5	96.5	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	58.0	93.7	96.2	97.2 97.5	98.1	98,1	98.3	98,3	98.5	98,4	98,5	98.5	98.5	98.5	98.5	98.5
≥ 600 ≥ 700	58.1 58.1	93,9	96.7	97.7	98.6	98.6	198.9	98,9	98.9	98.9	99.3	99.0	99.0	99.0	99.0	99.0
≥ 600	58.1 58.1	94,2	97.0	98.2	99.0	99.0	99.3	99,3	99.4	99.4	99.5	99.5	99.3	99,3	99.5	99.7
≥ 400	58.1 58.1	94.2	97.1	98.3	99.2	99.2	99.5	99,7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.8
≥ 700	58.1	94.2	97.1	98.3	99.3	99.3	99.6	99.5	99.8	99,8	99.9			99.9		
≥ 0	58.1	94,2	97.3	98.3	99.3	99,3	99.6	99,5	99.8	99,9	99,9			100.0		

TOTAL NUMBER OF OBSERVATIONS\_\_\_

<u> 3333</u>

JSAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

#### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

WONTH!

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_2100-2300

CEILING							VISIBIL	ITY (STATUI	E MILES)							
(FEET;	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ ¼	≥ %	≥%	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000	40.2	70.7	72.9	74.2 78.8	75.0 79.5	75.0 79.5	79.8	75.3	75.4 79.8	75.4	75.5 79.9	75.5		79.9		
≥ 18000 ≥ 16000	42.4	75.0	77.5	78.9	79.6	79.6	79.9	79,9 80,2	79.9	80.0	80.0	80.0 80.3	80.3	80.0	50.3	
≥ 14000 ≥ 12000	43.0	76.0	78,4		80.6	80,6	82.1	80.9 82.1	82.1	81.0 82.1	81.0	81.0 82.2	81.0	81.0	82,2	82,3
≥ 10000 ≥ 9000	44.4	78,9	81.0 81.4	82.9	83.6	83,1		83.4	83.5	83.5	84.0	84.0	84.0		83.6	84,1
≥ 8000 ≥ 7000	45.5	81.2	83.5	85,3	86.0	86.0	86,3	85.0	86.4	85,1	85.1	85.1	85.1 86.4	85.1	86.5	86,5
≥ 6000 ≥ 5000	46.0	82,2	86.1	87.5	88.3	88.3	88.6	87,4 88,6	88.6	88.7	87.5 88.7	87,5 88,7 89,3	87.1 88.7	87.5 88.7 89.3	87.6 88.7	87,6 88,8
≥ 4500 ≥ 4009	47.2	83.9	87,6	89.1	89.9	89.9	90.2	90.2	90.2	90.3 90.3	90.3	90.3		90.3	90.4	90.4
≥ 3500 ≥ 3000	48.2	87.1 87.8	90.0	90.0 91.6	90.8 92.3 93.1	90 • 8 92 • 3	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.9
≥ 2500 ≥ 2000	48.6	89.0	92.0	ניבגו	94.4	94.4	94.7	94.7	94.7	94.8	94.6	94.8	94.8	94.8	94.9	95.0
≥ 1803 ≥ 1500	49.1	90.2	93.	95.1	95.8	95,8	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96 3 97 3	96.4
≥ 1200 ≥ 1000	49.5	91.7	94.	96.8	97.5	97.5	97.9	97.9	98.6	98.4	98.0	98.0		98	98.1	98.2
≥ 900 ≥ 800	49.7	92	95.	97.5	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.6	98,9	78.9	98.9	99.0
≥ 760 ≥ 00	49.1	92.7	95.	97.9	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.	1 111	99	99	99.4
≥ 200	49.8	92.8	96.0	1 11 1	4 4	98.5	99.4	99.4	99.	99	99.5	99.	99.6	99.	99.6	99.7
≥ 200	49.8	92.8	96.1	98.0	98.9	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	1 4 4
≥ 100	49.8	92.8	96.	98.0	1573		99.5	99,5	99.5	99.6		99.6	1	99,7		100.0

TOTAL NUMBER OF OBSERVATIONS 3270

USAFETAC FA 64 0-14-5 (OLA) PREVIOUS CONTINUES OF THIS FORM ARE OBSOLUTE

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-71

NOV.

\_0000=0200

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ %	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	27.4	57.8		59.7	61.7	61.9	62.5	62,9	62.9		63.6	63.6	64.0	64.0	64.4	69.0
≥ 18000 ≥ 16000	29.0	58.3		63.3	65.4 65.9	65,6		66,7	66.7	67.1 67.6	67.4	67.8	67.7	67.7	68 · 1 68 · 6	69,1
≥ 14000 ≥ 12000	30.0	60.6	63,6		66.6	68,7	67.5	69.8	67.9	70.2	70.5	70.5	70.8		71.3	70.3
≥ 10000 ≥ 9000	30.7			68,2	70.6	70.7	71.5	71.9	71.9	72.3	72,2	72.2	72,5	72.5	72.9	74.4
≥ 8000 ≥ 7000	31.3	63,6 65,1	66,8 68,3	71.1	71.9	72,1	74.5	73,3	73.3	75.4	74.1	75.6	76.0	76.0	76.4	77.4
≥ 6000 ≥ 5000	33.2	68.4 69.1	71.6	74.6	77.0	77.2	78,1	76,3 78,5	76.3 78.5	79.0	79.3	79.3	79.6	79.6	80.0	81.0
≥ 4500 ≥ 4000	33,9	70.1	73.4	76.4	78.9	79.1	80.0	80.4	80.4	80,9	81,1	80.0 81.1	81.5	81.5 82.5	81.9	82.9
≥ 3500	34.8	72.3	75.6	78,7	81.2	81,4	82.3	82.7	82.7	83.2	63.6	83.6	83.9	83.9	84.4	85.3
≥ 2500 ≥ 2000	36.4	76.2	79.8	83.7	85,7	85,9	86.9	87,3	87.2	87.9	88.2	88.2	88.6	88.6	89.0	90.6
≥ 1800 ≥ 1500	37.1	78.2	82,0	85,3	88.1	88,3	89.3	89,7	89.7	90:3	90.6	90.6	91.0	91.0	91.4	92.1
≥ 1000	37.7	80.4	84,4	87.9	90.8	91,1	192.1	92.0	92.6		93.5	93.5	93.9	93.9	94.3	95.3
≥ 800	37.9	81.3	85.5	89.0	1 🕳 - 1	92.9	73.4	93,9	93.9	94.5	94.8	94.8	95.2	95.2	95.6	96.6
≥ 600	38.0		86.2	89,7	92.9	93,4		94,9	94,9	95.6	95,9	95.9	96.7	96.3	96.8	97.7
≥ 400	38.0		86.4		93.5	93.7	195.0			96.5	96.8	96.8	97.2	97.5	97.6	98.9
≥ 200	38.0	52,1	86,4	,	93.5	93,8	95.3	95.9	95.9	96.8	97.2	97.1	97.5	97.6	98.0	
≥ 0	38.0	82,1	86,4	90.1	93.5	93,8	95.3	95,9	95.9	96,9	97.2	-		97.9		100.0

TOTAL NUMBER OF OBSERVATIONS

JSAF ETAC FORM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBOLETI

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-71

NU V MONTR 0300 ≈ 0500 HOURS (LS T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING			-				VISIBIL	ITY (STATUT	E MILES;	-						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥1%	≥ 1	≥ ¾	≥ %	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	21.1	46,8	50.0	53.1 56.0	55.2 58.4	55.5 58.6	56.7	57,1	57.2 60.4	58.4	58.7 62.0	58.7 62.0	59.3	59,3 62,6	60.0	61.3
≥ 18000 ≥ 16000	22.0	49,5	52.9 53.1	56.0 56.3	58.4 58.7	58,7	59,9	60.3	60.4	61,6	62.0	62.0	62.6	62,6	63.2	64.8
≥ 14000 ≥ 12000	22.3	50 · 1 52 · 3	53.5	59,2	59.2	59.5	63.2	63,5	63,6	64,9	65.2	65.2	63.4	65,8	64.1	65.4
≥ 10000 ≥ 4000	23.7	53,6	57.3	30.6	63.2	63.5	64,9	65,3	65,4	66.7	67.0	67.0	67:0	67.6	68,2	69,5
≥ 8000 ≥ 7000	25.0	55,9 57.1	59,8 61.1	63.2	65.8	66,1	67.7	68,1	68.2	69,5	69,8	69.8	70.4	70.4	71.0	70.7
≥ 6000 ≥ 5000	26.5	59.4	63.5	66.9	69.5 70.1	49.9 70.5	71.5	72.0	72.1	70.9	71.2	73.7	71.8	74.3	72.5 75.0 75.6	73.7 76.2 76.8
≥ 4500 ≥ 4000 ≥ 3500	27.3	61.2	65.5	69,1	71.7	72.2	73.7	74.3	74.4	75.7	76.0	76.0	76.6	76,6	77.3	76.5
≥ 3000 ≥ 3000 ≥ 2500	28.1	63,9	48.3	71.9	74.7	75.1	76.8	77.3	77.4	78.7	79.1	79.1	79,7	79.7	80.3	81.6
≥ 2000	29.5	66.9	71.6	75.6	78.5	79.0	80.7	81.2	81.3	82.7	83.2	83.2	83.8	83,8	84.4	85.7
≥ 1500	30.1	70.9	74.0	78.1	81.1	81.6	83.3	83.9	84.0	85,4	85.8	38.0	86.4	88.6	87.1	90.5
≥ 1000	31.0	72.4	77.6	82.7	85.1	85.6	87.4	88,7	88.6	90.2	90.7	89.9	90.5	90,5	91.2	92.4
≥ 800 ≥ 700	31.1	73,5	79.0	83.5	86.7	87.2	89.0	90.4	70.6	91.2	91.6	91.6	92.2	92,2	92,8	94.1
≥ 600	31.2	74.7	80.7	84,6	87,9	89,4	90.3	90,9	91.0	92,5	92.9	92.9	93.5	93,5	94.2	95,5
≥ 400	31.3	74.8	80.8	85.7	89.1	89.7	91.8	92,4	92.5	94.5	94.5	94.5	95.2	95,7	95.8 96.4	97.8
≥ 200 ≥ 100 > 0	31.3	74.9	81.0	v	- 3 7 7	90.0	92.3	93.0	93.1	94,9	95,3	95.4	96.2	96,2	97.0	98.4
≥ 0	31.3	74,9	81.0	85,9	89,5	90.0	92.4	93.0	93,2	94,9	95,4	95.4	96.5	96,6	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS.

3140

USAFETAC JULIA 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

NOA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_0600=0800

							VISIBI	LITY (STATUTI	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ ?	≥ 11/2	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 15	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	16.7	33.5	37.5	40 • 2 44 • 5		44 • 1 49 • 1	46.2 51.5	52,9	47.6 53.1	48.9	49,8	49.0	50.5 56.2	50.6 56.3	50.7 56.5	57.6 57.6
≥ 18000 ≥ 16000	17.8	36,9	41.5	44.5	48.6	49.1	51.5	53.2	53.3	54.6	55.5	55.5 55.7	56.5	56.6	56.7	57.9
≥ 14000 ≥ 12000	18.1	37.9	42.5	45.6	49.8 52.1	50·4 52.7	55,4	56,9	54.5 57.0	56,1	57.0 59.5	57.0 59.5	60.2	57.8	57.9	59.1
≥ 10000 ≥ 9000	19.5	41.8	46.8	50.3 51.0	54.4 55.2	55.9	1	60,3	59.6	62.0	62.9	62.9	62.8	62,9	63.1	65.0
≥ 8000 ≥ 7000	20.0	اسم م جا	48.7	52.2 53.8	1 1	57,3 58,9	61.7	63.4	61,9	63.4	66.1	64.4	65.2	65,2	67.1	56.5 68.2
≥ 6000 ≥ 5000	21.3	46.0	51.4	55.2 57.0	59.6	62.4	65.4	67,1	65.2	68.8	67.7	67.7		70.7	70.9	72.0
≥ 4500 ≥ 4000	22.5		54.8	57.6	1	64.4	·	69.2	68.0	71.0	70.6	70.6	72.8	71,4	71.6	72.7 74.3 75.5
≥ 3500 ≥ 3000	23.2	20.0 31,3	55,6 57,4	61.6	64,6	67.4	70.4	72,2	70.6		73.2	73.2	75.9	74.1 76.0	74.3	77,4
≥ 2500 ≥ 2000	24.7	52,6 54,7	61.4	63.2		71.8		76,9	74.1			76.9 80.0	80.9	77.7 80.9	77.9 81.1 81.9	82.3
≥ 1800 ≥ 1500	25.2	55,2 56,6	1 4 2 7	68.3		72,5		79,9	77.9 80.1	79.8		80.8	83.9		84.2	85.4
≥ 1200 ≥ 1000	25.	58,1	65.	70.2	77.4	78.6		84.2	82.6	86,4		85.6	88.4	88,4	88.6	89.8
≥ 900 ≥ 800	26.6	60.2	67,	72.2	78.0	79.2	84.	86,0		88,3	89.4	88.0	90.4	90.4	89.3 90.7 91.9	91.9
≥ 700 ≥ 600	26.	61.2	68,	74.0	80.6	82.0		88.1	88,3		91.6	90.6	92.6	I	92,9	94.1
≥ 500 ≥ 400	27.0	61.4	69.	75.6	52.0	83,	87.	7 90.0		92.8	94,0	93.1	95.1	95,2	95.5	96.7
≥ 300 ≥ 200	27.	61,4	69,	75.	7 82.1	83.	7 86,	90.3	90.7		94,9		96.2	96.3	96.7	98,3
≥ 100 ≥ 0	27.	· · .	69,	75		83,		0 90,4					96.4			100.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_

USAF ETAC 101.64 0.14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3229

#### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

NOV

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VISIBI	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 11/4	1 ≤	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	32.1 35.6	45,7	47.8 54.9	49.6 57.0		51.5 59.2		52.4	52.5		53.1	53.1	53.1	53.1	53.1	53.1
≥ 18000 ≥ 16000	35.9	52,7 53,1	35.5	57.2 57.6	59.1 59.5	59,4	60.2	60,6	60.7	61.3 61.8	62.0	62.0	61.5	61.5	61.5	62.0
≥ 14000	36.7	26,0	56.8	60.8	62.8	63,1	64.0	62.3	64.5	63.0	63.2	63.2	63.2	63,2	63.2	63,3
` ≥ 10000 ≥ 9000	38.4	58,4	61.3	62.6	65.5	65.9	66,8	67,2	67.3	67.1	67.3	67.3	67.3	67,3	67.3	68,4
≥ 8000 ≥ 7000	39.7	60,6	63.8	66.0	68.3	68,8	69.6	70.1	70.1	70.8	71.1	71.1	71.2	71.2	69.7 71.2	71.2
≥ 6000 ≥ 5000	40.7	62.4	65.7	68.2 68.2	70.5	71.0	70.6 71.9 72.6	71,1	72.5	73.2	72.2	72.2	72.3	72,3	72,3	72.3
≥ 4500 ≥ 4000	41.4	63,9	67.5 68.8	69,9	71 • 1 72 • 3	72.9	73.9	73,1	73.2	73.9	74.2	75.6	74.3	74,3	74.3	74,3
≥ 3500	42.9	66.7 68.7	70.4	73.0	75.6	76.2	77.2	77.7	70.0 77.8	78.5	76.9	78.9	79.0	79.0	79.0	77.2
≥ 2500 ≥ 2000	46.0	71.4	75.3	78.1	80.8	81.5	82.6	83.1	83.2	83.9	84.3	84,3	84.4	81,2	84.4	81.2
≥ 1800 ≥ 1500 ≥ 1200	47.4	74,8	78,8	81,6	84.6	85.3	86.5	86,9	87.0	87.8 90.5	88.2	88,2	88.3	88,3	88.3 90.9	85,3 88,3
≥ 1000	48.6	78,3	82.6	85,6	89.8	90.6	90.9	91.4	91.6	92.5	92.8	92.8	90.9	90.9	93.0	93.0
≥ 800	48.9 49.1	79.5	84.7	87.4 88.1	90.9	91.8	93.1	93.6	93.8	94.8	95.1	95.2	95.3	95.3	95.3	95.4
≥ 600	49.1	80.1 80.4	85. i	88.7	92.3	93,4	95,1	95,6	95.8	96,8	97.3	97.3	97.5	97,5	97.5	97.6
≥ 400	49.2	80.4	85.5	89.3	93.2	94.4	96.2	96,8	97.1	98.2	98.8	98.8	99.0	99.0	99.1	99,1
≥ 200	49.2	80,4	85.5	89.4	93.4	94.5	96.5	97,2	97.4	98,9	99.4	99.4	99.7	99.7	99.8	99.8
≥ 0	49.2	80.4	85.5	89.4	93.4	94,5	96.5	97,2	97.4	98,9	99.4	99.4	99.7	99,8	99.9	

TOTAL NUMBER OF OBSERVATIONS

3220

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

\_\_\_

#### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

NOV

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VISIBIL	UTATZ) YTI.	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.5 53.5	52.0	52.8	53.0 62.2	53.3		انست ما	53.5 62.7	53.5	53,6	53.6	53.6		#3.6 62.8		
≥ 18000 ≥ 16000	53.9	61,4	42,3 63.0	62.6	62.9	63,0		63,2	63.2		63.2	63.2	63.3	63,3		63,3
≥ 14000 ≥ 12000	55.3	63,3	64.2	64,6 66,7	64.8	64,9	67.3	67.3	67.4	67.4	67.4	67.4	65.2	65,2	65.2	65.2
≥ 10000 ≥ 9000	58.3 59.1	67,4	68,5	68.8	69.2 70.3	69.3 70.4	70.6	70.6	70.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000 ≥ 7000	59.6	70.1	70.4 71.3	70.8 71.7	71.3	71.3 72.4	71.5	71,6	71.6	71.7 72.8	71.7 72.8	71.7	71.8	71.8	71.8	71.8
≥ 6000 ≥ 5000	61.9	71,3	72.6	73.0 74.3	73.7	73,8	75.3	74,1		74.2 75.5	74.2	74.2	74.3	74.3 75.6	74.3	74,3 75.6
≥ 4500 ≥ 4000	62.2	73.0 75.1	74.4	74.6	75.5 77.8	75,6	75.9	76,0 78,3	78.3	76,1 78,5	76,1	76,1	76.2 78.5	76.2 78.5	76.2 78.5	76.2 78.5
≥ 3500 ≥ 3000	64.8	76.9	78.4 81.1	81.6	82.4	79.8 82.5	50.1 82.9	80.2 83.0		80.4	80.4 83,2	80.4	80.5	80.5 83.3	80.5	80.5 83.3
≥ 2500 ≥ 2000	70.8	86.0	87.6	88.3	89.2	89,3	89.7	89.8	89.8	90.0	90.0			90.1	90.1	26.3 90.1
≥ 1800 ≥ 1500	71.2 71.9 72.4	86,7	88.3 90.2	91.0	89.9 91.8	90.0	90.4	90.5	90.6	92,8	90.7	90.7	90.8	90,8	90.8	90.8
≥ 1200 ≥ 1000	72.5	90.7	91.9 92.7	93.7	94.7	94.9	95.5	94,6	94,6	94,8	96.0	94.8	96.1	94,9	94.9	94,9
≥ 800	72.7	91.5 91.5	93.7	94.8	95.9	96.2	96.1 96.9	96,3 97,1 98.1	96,3	96,5	96,5	96.5	97.5	96,6	96.6	96.6
≥ 700	72.8	91,9	94.5	95.7	97.0	97.3	98.2	90,5	98.6	98.8	98,9	98.9	98.9	98.9	98.5 98.9	98.5
≥ 500 ≥ 400	72.8	92.1	94.5	-	97.4	97.8	98.8	99.1	99.1	99.5	99.3	99.6	99.7	99.7	99.4	99.4
≥ 300 ≥ 200 ≥ 100	72.8	92.1	94.6	96,0	97.5	97.9	98.8	99.2	99.2	99.6	99.9	99.9	100 · 0	100.0	100 -0	100.0
≥ 0	72.5			1 7 7 7	97.5	3 1 7 1	98.8		99.2	99.6	99,9		100.0			

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE COSCIETI

3230

# CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_1500-1700

CEILING							VISIBI	LITY (STATI	UTE MILES)							<del></del>
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 114	≥ 1%	≥ 1	≥ ¾	≥ 3/6	≥ 1/3	≥ 5/16		l
NO CEILING ≥ 20000	47.0 53.6	54.0	55.0 63.4	55.3 63.7	55.7	55.7	55.8		,	55.9	56.0			56.1	≥ ¼ 56 • 1	≥ 0 56,
≥ 18000 ≥ 16000	53.9	62.8	64.0	64.8	64.6		64,9	64,9	64.9		64.6	64,6	64.6		64.6	64,
≥ 14000 ≥ 12000	55.3	64,6	65.7	66.1	65.1			65,4	65,4	65,5	65.6		65,7	65.7	65.7	65 65
≥ 10000 ≥ 9000	58.8	69.3	70.7	71.0	71.5	71.5	69.5	69.6	69.6	69.7	72.0	69.8	69.8	67.0	69.8	69,1
≥ 8000 ≥ 7000	60.3	70.0	72.7	71.7	72.2	72.2	72.4	72,5	72.5	72.6	72.7	72.0	72.7	72.0	72.0 72.7	72.
≥ 6000	61.1	72.6	75.3	74.7	75.3	75.3	75.5	75.6 76.9	75.6	74.2	75.9	74.3	74.4 75.9	74.4	74.4	74.4
≥ 5000 ≥ 4500	63.2	75,7	77.4	78.0	78.7	78.7	79.0	79,1	79.1	79.2	77.2	77.2	77.2	77,2	77.2	77.2
_ 0.00 ,	65.2	78,7	80.5		81,9	82.0	82.2	80 · 1 82 · 5	82.5	80.3	80.4	80.4 82.8	80.4	80.4	80.4	80.4
	67.7	82.8 85.2	84.8	85.5	86.4	86.5	86.9	84.6 87.1	87.2	84.8	84.9	84.9	85.0	85.0	85.0	85.0
≥ 2000		87,4	90.4	90.5	91.6	91.8		89.7 92.5	92.5		90.0	90.0	90.1	9011	90.1	90.1
≥ 1500	70.8	89,2	91.7	92.7		92.6		93,3	93.4		93.7	93.7	93.7	93,7	93.7	92.9
≥ 1000	70.9	90+4	93.1	94.4	94.7	95,9	96.5	95,8	95.8	96.0	96.1	96.1	96.1	96,1	96.1	95,1 96,1
≥ 800	71.1			95.2	96.5	96.3	-4	97.3	97.3	97.6	97,8	97.8	97.8	5177	97.8	97.2 97.8
≥ 600	71.1	1 . 2	94.3	95.8				98.6	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98,2 98,7
≥ 460	71.1					97.8	98.5	98 9	99.0	99.3	99,5	99.5	99.6	99.6		99.2 99.6
= 300				96.7 9	7.7	98.0	98.7	99 72	99.2	99.6	99.8	99.8			99.9	99.8
			4.6	6.1 9	7.7		98.8	9,2	99.3	99,6	99.8	99.8	99.9	99.9	1	99.9

TOTAL NUMBER OF OBSERVATIONS 32

USAF ETAC 10164 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

MAXWELL AFB ALABAMA/MONIGOMERY 37-72

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_1800-2000

≥ 10						***31010	ITY (STATU	ie Mices)							
1	≥6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥1%	≥ 1%	≥ 1	≥ ¼	≥ ¾	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
36.8 39.2	59,0 64.0				63.7	69.4		64.2	64.4	64.4	64.5	70.0	64.5 70.0	64.5	64.5 70.0
39.4 39.7	64,2 64,7		69.0		69,4	69.6 70.1	70.5	69.9 70.5	70.1 70.6	70.1 70.7	70.2 70.7	70.2 70.8	70.2	70.3	70.3
40.4	65,6	70.4	70.1 71.9	70.9	70.9 72.9	71.3	71.6	71.6	71,7	73.8	73.8	71.9	71.9	71.9	71.9
42.3	70.5	72.9	74.4	75.3 76.0	75,4	76.4	76.8 76.8	76.1	76,2	77.0	76.3 77.1	76.4	76.4	76.4	76.4
43.3	72.8	75.8	77.5	77.1	78.7	79.0	77,7	79,4	79.5	79.6	79.7	79.7	79.7	78.3	78.3
44.9	76.1	79.2	80.9	82.0	82.1	82,5	82.9	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.2 84.5
46.1	79,0	82.3	84.1	85,3	85.4	85,8	86,3	86,3	86,4	86,5	86.6	86.6	86.6	86.7	86.7
47,3	81.5	85.0	86.9	88.2	88,3	88.8	89.2	89.2	89.4	89,5	89.5	- 1 - 1		89.6	89.6
49.0	85,1	88.9	90.9	92.3	92.4	93.0	93.4	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8
49.4	86,5	90.5	92.5	94.1	94.2	94.8	95.2	95.2	95.4	95.5	95.5	95.6	95.6	95.6	
49.5	87.8			95.8	95,9	96.6	97.1	97.1	97.3	97.4	97.5	97.6	97.6	97.6	97.6
49.6	88.2 58.2	92.7			96.6			97.8 98.1	98.0	98.1 98.4	98.2	98.3	98.3	98 · 3	98.3
49.7	88,3	92.9			97.1	98.1	98.6	98.4	98.8	98,9	98.8	98.9	98,9	98.9	98.9
49.7	88.4		95.4		97,5	98.5	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.7	
49.7	88,4	93.0	95.4	97.4	97.5	98.6	99,3	99.3	99.5	99.6	99.7	99.8	99.8	99,9	99.9
	399.4 339.4 410.4 410.2 442.3 442.6 444.4 44	39.2 64.0 39.4 64.2 39.7 64.7 40.4 65.6 41.2 67.9 42.3 70.5 42.3 70.5 42.3 70.5 42.3 70.5 42.3 70.5 42.6 7.7 43.6 7.7 44.1 74.2 45.1 79.0 45.1 79.0 45.1 79.0 45.1 79.0 45.1 79.0 45.1 79.0 47.3 85.1 47.3 85.1 49.0 85.1 49.0 85.1 49.0 88.2 49.7 88.3 49.7 88.3 49.7 88.3 49.7 88.3 49.7 88.3 49.7 88.3 49.7 88.4 49.7 88.4	39.2 64.0 66.8 3 39.4 64.2 67.6 68.6 64.7 67.6 68.6 64.7 67.6 70.4 65.6 68.6 64.2 67.9 72.8 73.5 64.8 77.2 8 77.3 2 8 8 8 9 7 9 8 8 8 9 9 2 9 2 9 2 9 2 9 2 9 2 9 2 9	39.2 64.0 66.8 68.2 39.4 64.2 67.1 68.5 39.4 64.2 67.1 68.5 70.1 41.2 67.5 68.6 70.1 41.2 67.5 70.4 71.9 72.9 74.4 76.1 70.5 70.5 70.5 70.5 70.5 70.5 70.5 70.5	39.2 64.0 66.8 68.2 69.0 39.4 64.2 67.1 68.5 69.3 39.7 64.7 67.6 69.0 69.8 40.4 65.5 68.6 70.1 70.9 41.2 67.5 70.4 71.9 72.8 42.1 69.5 70.4 71.9 72.8 42.1 69.5 73.5 75.0 76.0 42.1 69.5 73.5 75.0 76.0 42.3 70.5 73.5 75.0 76.0 42.3 70.5 73.5 75.0 76.0 42.3 72.8 75.8 77.5 78.6 42.6 71.4 74.4 76.1 77.5 78.6 44.1 74.2 77.3 79.0 80.1 44.9 76.1 79.2 80.9 82.0 44.9 76.1 79.2 80.9 82.0 44.9 76.1 83.3 84.1 85.3 46.6 80.1 83.3 85.3 86.6 47.3 81.5 85.0 88.7 90.1 49.0 85.1 88.9 90.9 92.3 49.2 85.8 89.7 91.7 93.1 49.0 85.1 88.9 90.9 92.3 49.2 85.8 89.7 91.7 93.1 49.0 85.1 88.9 90.9 92.3 49.2 85.8 89.7 91.7 93.1 49.0 85.1 88.9 90.9 92.3 49.2 85.8 89.7 91.7 93.1 49.0 85.8 89.7 91.7 93.1 49.7 88.3 92.9 95.2 97.0 49.7 88.3 92.9 95.2 97.0 49.7 88.3 92.9 95.4 97.4 49.7 88.3 92.9 95.4 97.4 49.7 88.3 92.9 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4 49.7 88.4 93.0 95.4 97.4	39.2 64.0 66.8 68.2 69.0 69.1 39.4 64.2 67.1 68.5 69.3 69.4 69.9 64.2 67.1 68.5 69.3 69.9 69.8 69.9 69.8 69.9 69.8 69.9 69.8 69.9 69.8 69.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 7	39.2 64.0 66.8 68.2 69.0 69.1 69.4 69.6 39.4 64.2 67.1 68.5 69.3 69.4 69.6 39.7 64.7 67.6 69.0 69.8 69.9 70.1 40.4 65.5 68.6 70.1 70.9 70.9 71.3 40.4 65.5 68.6 70.1 70.9 70.9 71.3 42.1 69.5 70.4 71.9 72.8 72.9 73.2 42.1 69.5 73.5 75.0 76.0 76.1 76.4 42.3 70.5 73.5 75.0 76.0 76.1 76.4 42.3 70.5 73.5 75.0 76.0 76.1 76.4 42.3 72.8 75.8 77.5 78.6 78.7 79.0 443.3 72.8 75.8 77.5 78.6 78.7 79.0 80.1 80.2 80.5 44.1 74.2 77.3 79.0 80.1 80.2 80.5 44.1 74.2 77.3 80.9 82.0 82.1 82.5 44.9 76.1 79.2 80.9 82.0 82.1 82.5 44.9 76.1 79.2 80.9 82.0 82.1 82.5 44.9 76.1 79.2 80.9 82.0 82.1 82.5 44.9 76.1 79.2 80.9 82.0 82.1 82.5 44.9 76.1 79.2 80.9 82.0 82.1 82.5 44.9 76.1 79.2 80.9 82.0 82.1 82.5 44.9 76.1 79.2 80.9 88.2 88.3 88.8 84.9 79.0 92.3 92.4 93.0 84.9 88.2 85.9 90.2 92.4 93.0 84.9 88.2 85.8 95.9 96.6 97.4 49.0 85.1 88.9 90.9 92.3 92.4 93.0 92.4 93.0 92.9 92.3 92.4 93.0 92.9 92.3 92.4 93.0 92.5 94.1 94.2 93.8 49.0 85.8 89.7 91.7 93.1 93.2 93.8 49.6 88.2 87.9 92.3 92.4 93.0 92.9 92.3 92.4 93.0 92.9 92.3 92.4 93.0 92.9 92.3 92.4 93.0 92.9 92.3 92.4 93.0 92.9 92.3 92.4 93.0 92.9 92.3 92.4 93.0 92.9 92.3 92.4 93.0 92.9 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.9 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.3 92.4 93.0 92.0 92.0 92.3 92.4 93.0 92.0 92.0 92.3 92.4 93.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92	39.2 64.0 66.8 68.2 69.0 69.1 69.4 69.7 39.4 64.2 67.1 68.5 69.3 69.4 69.6 69.9 39.7 64.7 67.6 69.0 69.8 69.9 70.1 70.5 40.4 65.6 68.6 70.1 70.9 70.9 71.3 71.6 41.2 67.5 70.4 71.9 72.8 72.9 73.2 73.5 42.1 69.9 72.9 74.4 75.3 75.4 75.7 76.1 76.8 42.1 69.9 72.9 74.4 75.3 75.4 75.7 76.1 76.8 42.3 70.5 73.5 75.0 76.0 76.1 76.4 76.8 42.3 70.5 73.5 75.0 76.0 76.1 76.4 76.8 42.3 70.5 73.5 75.0 76.0 76.1 76.4 76.8 42.3 72.8 75.8 77.5 78.6 78.7 79.0 79.4 43.3 72.8 75.8 77.5 78.6 78.7 79.0 79.4 44.1 74.2 77.3 79.0 80.1 80.2 80.5 80.9 44.1 74.2 77.3 79.0 80.1 80.2 80.5 80.9 44.1 74.2 77.3 80.9 82.0 82.1 82.5 82.9 44.1 77.1 80.3 82.1 83.3 83.4 83.7 84.1 84.1 79.0 82.3 84.1 85.3 85.4 85.8 86.3 46.6 80.1 83.5 85.3 86.6 86.7 87.2 87.0 47.3 81.5 85.0 86.9 88.2 88.3 88.8 89.2 44.7 88.3 88.8 89.2 99.2 99.2 90.0 93.4 49.0 65.1 88.9 90.9 92.3 92.4 93.0 93.4 49.0 65.1 88.9 90.9 92.3 92.4 93.0 93.4 49.0 85.8 89.7 91.7 93.1 93.2 93.8 94.2 94.9 87.3 91.6 93.7 95.2 95.3 96.0 96.4 49.3 87.8 92.0 94.2 95.8 95.9 96.6 97.1 49.6 87.9 92.2 94.5 96.1 90.2 97.0 97.4 49.6 88.2 92.7 93.7 95.2 95.3 96.0 96.4 49.7 88.2 92.7 95.0 96.7 96.9 97.6 98.1 49.7 88.3 92.9 95.2 97.0 97.1 98.0 98.4 49.7 88.3 92.9 95.2 97.0 97.1 98.0 98.4 49.7 88.3 92.9 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.5 99.2 99.3 97.5 98.4 99.1 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 95.4 97.4 97.5 98.6 99.3 49.7 88.4 93.0 9	39.2 64.0 66.8 68.2 69.0 69.1 69.4 69.7 69.7 39.4 64.2 67.1 68.5 69.3 69.4 69.6 69.9 69.9 39.7 64.7 67.6 69.0 69.8 69.9 70.1 70.5 70.5 70.5 70.4 65.5 68.6 70.1 70.9 70.9 71.3 71.6 71.6 71.6 71.9 72.8 72.9 73.2 73.5 73.5 73.5 72.9 73.2 73.5 73.5 73.5 75.4 75.7 76.1 76.8 76.8 75.0 76.0 76.1 76.4 76.8 76.8 76.3 70.5 73.5 75.0 76.0 76.1 76.4 76.8 76.8 76.3 72.8 75.8 77.5 78.6 78.7 79.0 79.4 79.4 79.4 79.3 72.8 75.8 77.5 78.6 78.7 79.0 79.4 79.4 79.4 79.2 80.9 82.0 82.1 82.5 82.9 82.9 82.9 82.0 82.1 82.5 82.9 82.9 82.9 82.0 82.1 82.5 82.9 82.9 82.9 82.0 82.1 82.5 82.9 82.9 82.9 82.0 82.1 82.5 82.9 82.9 82.9 82.0 82.1 82.5 82.9 82.9 82.9 82.0 82.1 82.5 82.9 82.9 82.9 82.0 82.1 82.5 82.9 82.9 82.9 82.9 82.0 82.1 82.5 82.9 82.9 82.0 82.1 82.5 82.9 82.9 82.0 82.1 82.5 82.9 82.9 82.0 82.1 82.5 82.9 82.9 82.0 82.1 82.5 82.9 82.9 82.0 82.1 82.5 82.9 82.9 82.0 82.1 82.5 82.9 82.0 82.1 82.5 82.9 82.9 82.0 82.1 82.5 82.9 82.0 82.1 82.5 82.9 82.0 82.1 82.5 82.9 82.0 82.1 82.5 82.9 82.0 82.1 82.5 82.9 82.0 82.0 82.1 82.5 82.9 8	39.2 64.0 66.8 68.2 69.0 69.1 69.4 69.7 69.7 69.8 39.4 64.2 67.1 68.5 69.3 69.4 69.6 69.9 69.9 70.1 39.7 64.7 67.6 69.0 69.8 69.9 70.1 70.5 70.5 70.6 40.4 65.6 68.6 70.1 70.9 70.9 71.3 71.6 71.6 71.7 41.2 67.5 70.4 71.9 72.8 72.9 73.2 73.5 73.5 73.7 42.1 69.9 72.9 74.4 75.3 75.4 75.7 76.1 76.1 76.8 76.2 42.3 70.5 73.5 75.0 76.0 76.1 76.4 76.8 76.8 76.9 42.3 70.5 73.5 75.0 76.0 76.1 76.4 76.8 76.8 76.9 42.3 70.5 73.5 75.0 76.0 76.1 76.4 76.8 76.8 76.9 42.6 71.4 74.4 76.1 77.1 77.2 77.6 77.9 77.9 78.1 43.3 72.6 75.8 77.5 78.6 78.7 79.0 79.4 79.4 79.4 79.5 44.1 74.2 77.3 79.0 80.1 80.2 80.5 80.9 80.9 81.0 44.1 74.2 77.3 79.0 80.1 80.2 80.5 80.9 80.9 81.0 44.1 74.2 77.3 80.9 82.0 82.1 82.5 82.9 82.9 83.0 45.1 79.0 82.3 84.1 85.3 85.4 85.8 86.3 86.3 86.4 46.1 79.0 82.3 84.1 85.3 85.4 85.8 86.3 86.3 86.4 46.1 79.0 82.3 84.1 85.3 85.4 85.8 86.3 86.3 86.4 46.1 79.0 82.3 84.1 85.3 85.4 85.8 89.2 89.2 89.4 47.3 81.5 85.0 86.9 80.9 82.0 90.2 90.7 91.1 91.1 91.1 91.1 47.2 47.0 85.1 88.9 90.2 93.0 93.4 93.0 65.1 88.9 90.9 92.3 92.4 93.0 93.4 93.4 93.4 93.4 93.4 93.6 49.0 85.1 85.9 90.2 90.2 90.7 91.1 91.1 91.1 91.3 49.0 85.8 87.5 91.0 93.4 93.4 93.4 93.4 93.4 93.6 98.8 89.2 89.4 49.0 85.8 87.7 91.7 93.1 93.2 93.8 94.2 94.2 94.4 93.0 93.4 93.4 93.4 93.4 93.6 98.8 89.2 89.4 49.0 85.8 87.7 91.7 93.1 93.2 93.8 94.2 94.2 94.4 93.0 93.4 93.4 93.4 93.6 98.8 93.0 94.4 93.0 93.4 93.4 93.4 93.6 98.8 93.0 94.2 94.2 94.4 93.0 93.4 93.0 93.4 93.4 93.4 93.6 98.8 93.0 94.4 93.8 93.0 94.2 94.2 94.4 93.0 93.4 93.8 93.0 94.2 94.2 94.4 93.0 93.4 93.4 93.4 93.6 98.8 93.8 93.9 93.9 93.9 93.9 93.9 93.9	39.2 64.0 66.8 68.2 69.0 69.1 69.4 69.7 69.7 69.8 69.9 39.4 64.2 67.1 68.5 69.3 69.4 69.6 69.9 69.9 70.1 70.1 70.1 39.7 64.7 67.6 69.0 69.8 69.9 70.1 70.5 70.5 70.6 70.7 40.4 65.8 68.6 70.1 70.9 70.9 71.3 71.6 71.6 71.7 71.8 41.2 67.5 70.4 71.9 72.8 72.9 73.2 73.5 73.5 73.7 73.8 42.1 69.9 72.9 74.4 75.3 75.4 75.7 76.1 76.1 76.2 76.3 42.3 70.5 73.5 75.0 76.0 76.1 76.4 76.8 76.8 76.9 77.0 42.6 71.4 74.4 76.1 77.1 77.2 77.6 77.9 77.9 78.1 78.1 43.3 72.8 73.8 73.6 77.5 78.6 78.7 79.0 79.4 79.4 79.5 79.6 44.1 74.2 77.3 80.9 82.0 82.1 80.5 80.9 80.9 81.0 81.1 44.9 76.1 79.2 80.9 82.0 82.1 82.5 82.9 82.9 83.0 83.1 79.6 79.0 82.3 84.1 85.8 86.3 86.3 86.3 86.4 86.5 46.6 80.1 83.5 85.3 85.4 85.8 86.3 86.3 86.3 86.4 86.5 46.6 80.1 83.5 85.3 85.4 85.8 86.3 86.3 86.3 86.4 86.5 49.0 82.1 82.5 82.9 83.0 83.1 79.0 83.0 83.1 79.0 83.0 83.1 79.0 83.0 83.1 79.0 83.0 83.1 79.0 83.0 83.1 79.0 83.0 83.0 83.1 79.0 83.0 83.0 83.1 79.0 83.3 83.4 83.7 84.1 84.1 84.3 84.4 86.5 88.6 80.1 83.5 85.3 85.4 85.8 86.3 86.3 86.3 86.4 86.5 49.0 85.1 85.3 85.3 85.4 85.8 86.3 86.3 86.3 86.4 86.5 49.0 85.1 85.3 85.3 85.4 85.8 86.3 86.3 86.3 86.3 86.4 86.5 86.6 80.1 83.5 85.3 85.3 85.4 85.8 89.2 89.2 89.4 89.5 49.2 89.2 89.4 89.5 49.2 85.8 85.9 90.9 92.3 92.4 93.0 93.4 93.4 93.6 93.7 49.2 85.8 89.7 91.7 93.1 93.2 93.8 94.2 94.2 94.2 94.4 94.5 49.6 86.5 90.9 92.3 92.3 92.4 93.0 93.4 93.4 93.6 93.7 49.5 87.5 91.6 92.5 94.2 94.2 94.4 94.5 87.9 87.9 92.2 94.2 94.2 94.4 94.5 87.9 87.9 92.2 94.2 94.2 94.4 93.0 93.4 93.6 93.7 49.6 85.2 93.5 94.2 95.2 95.4 95.5 89.7 97.4 97.4 97.4 97.4 97.6 97.7 97.4 97.4 97.6 97.7 97.7 97.7 97.7 97.7 97.7 97.7	39.2 64.0 66.8 68.2 69.0 69.1 69.4 69.7 69.7 69.8 69.9 69.9 39.4 64.2 67.1 68.5 69.3 69.4 69.6 69.9 69.9 70.1 70.1 70.2 70.7 64.7 67.6 69.6 70.1 70.9 70.9 70.1 70.5 70.9 70.6 71.6 71.7 71.8 71.8 41.2 67.5 70.4 71.9 72.8 72.9 73.2 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5	39,2 64,0 66,8 68,2 69,0 69,1 69,4 69,7 69,7 69,8 69,9 69,9 70,0 39,4 64,2 67,1 68,5 69,3 69,4 69,6 69,9 69,9 70,1 70,1 70,2 70,2 39,7 64,7 67,6 69,0 69,8 69,9 70,1 70,5 70,5 70,6 70,7 70,7 70,8 40,4 65,6 68,6 70,1 70,9 70,9 71,3 71,6 71,7 71,8 71,8 71,8 71,9 72,8 72,9 73,2 73,5 73,5 73,7 73,8 73,8 73,8 73,9 74,2 1 69,9 72,9 74,4 75,3 75,4 75,7 76,1 76,1 76,2 76,3 76,4 72,9 73,5 73,5 73,5 73,7 73,8 73,8 73,8 73,9 74,2 1 69,9 72,9 74,4 75,3 75,4 75,7 76,1 76,1 76,2 76,3 76,3 76,4 74,3 76,5 75,6 76,1 77,1 77,1 77,1 77,1 77,1 77,1 77	39.2 64.0 66.8 68.2 69.0 69.1 69.4 69.7 69.7 69.8 69.9 69.9 70.0 70.0 70.0 39.4 64.2 67.1 68.5 69.3 69.4 69.6 69.9 69.9 70.1 70.1 70.2 70.2 70.2 70.2 39.7 64.7 67.6 69.0 69.8 69.9 70.1 70.5 70.6 70.7 70.7 70.8 70.8 70.8 40.4 65.6 68.6 70.1 70.9 70.9 71.3 71.6 71.6 71.7 71.8 71.8 71.8 71.9 71.9 72.8 72.9 73.2 73.5 73.5 73.7 73.8 73.8 73.9 73.9 42.1 69.9 77.3 75.0 76.4 76.1 76.2 70.3 70.3 76.4 76.4 42.3 70.5 73.5 73.7 73.8 73.8 73.9 73.9 73.9 74.2 67.1 67.1 77.3 75.5 75.0 76.0 76.1 76.1 76.1 76.2 76.3 76.3 76.4 76.1 76.1 76.2 70.3 70.5 70.0 77.1 77.1 77.1 77.1 77.1 77.1 77.1	39.2 64.0 66.8 68.2 69.0 69.1 69.4 69.7 69.7 69.8 69.9 69.9 70.0 70.0 70.0 30.4 64.2 67.1 68.5 69.3 69.4 69.9 69.9 70.1 70.1 70.2 70.2 70.2 70.2 70.8 40.4 64.2 67.1 68.5 69.0 69.8 69.9 70.1 70.5 70.5 70.6 71.7 71.8 71.8 71.9 71.9 71.9 71.9 71.2 67.5 70.5 70.5 70.5 70.5 70.6 71.7 71.8 71.8 71.9 71.9 71.9 71.9 71.2 67.5 70.4 71.9 72.8 72.8 72.9 73.2 73.5 73.5 73.7 73.8 73.8 73.8 73.9 73.9 73.9 42.1 69.9 72.9 74.4 75.3 75.4 75.7 76.1 76.1 76.1 76.2 76.3 76.3 76.4 76.4 76.4 42.3 70.5 73.5 73.5 73.7 73.8 73.8 73.8 73.9 73.9 73.9 42.1 69.9 72.9 74.4 75.3 75.4 75.7 76.1 76.1 76.1 76.2 76.3 76.3 76.3 76.4 76.4 76.4 42.3 70.5 73.5 73.5 73.7 73.8 73.8 73.8 73.9 73.9 73.9 42.1 69.9 72.9 74.4 75.3 76.1 77.2 77.6 77.9 77.9 78.1 78.1 78.1 78.2 78.2 78.2 78.2 78.2 78.3 72.8 72.8 72.9 73.9 77.9 77.9 78.1 78.1 78.1 78.2 78.2 78.2 78.2 78.2 78.2 78.2 78.2

TOTAL NUMBER OF OBSERVATIONS\_

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VISIBIL	'TY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥11/2	≥ 11/4	≥ 1	≥ 34	≥ ¾	≥ ⅓	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	32.8	58.9 62.8	62.3	64.1	65.4	65.6	70.3					66.4	70.8			66.9
≥ 18000 ≥ 16000	34.9	63,3		68,5 68,8	69.9 70.2	70.1	70.5	70,8 71.0	70.8	70.8	70.9	70.9 71.1	71.0	71.0	71.1	71.4
≥ 14000 ≥ 12000	35.5 36.2	63,9 65,3	67.5 69.0	71.0	70.9 72.6	71.1	71.5	71,8	71.8	71.9 73.6	71.9 73.6	71.9 73.6	72.0	72.1	72.2 73.8	72.4
≥ 10000 ≥ 9000	37.2 37.4	68.1	71.2	73.2	74.8	75.1	75.5	75.8	75.8 76.5	75.9 76.6	75.9 76.6	75.9 76.6	76.0	76.1	76.1 76.8	76.4
≥ 8000 ≥ 7000	37.7 38.3	70.5	72.9 74.3	75.1 76.5	76.7 78.1	76.9	77.4	77.7 79.2	77.7	77.8	77.8	77.8	77.9	78 • 0 79 • 5	78.1 79.6	78.3
≥ 6000 ≥ 5000	39,9	73,7	77.5	79,8	81.5	81.7	82.3	80.5	82.5	82.7	80,6	80.6	80.7	80.7	83.0	31.1 83.2
≥ 4500 ≥ 4000	40.0	75,6	78.0	81,8	83.5	82.1	82.7	83,0	84.7	84.8	83.2	83.2 84.8	83.3	83,3	83,4	83,7
≥ 3500 ≥ 3000	41.7	77,9	81.8	84.2	86.0	86.2	86,9	87.2	87.2	87.3	87.4	87.4	87.6	87.6	87.7	88.0
≥ 2500 ≥ 2000	42.6 43.5 43.6	81.8	86.1 86.7	86.0 88.6 89.3		90.6	91.4	91,6	91.6	91.8	91.8	89.2 91.9	89.4 92.0	92.0	92.1	89,8
≥ 1800 ≥ 1500	43.8	83.4	87,8 88.7		92.3 93.4	91.3 92.5	93.4	92,4	92.4	92,5	1	92.6	94.2	94.2	94.3	94.6
≥ 1000	44.3	85.0	89.6	92.4	94.3	94,6	95.4	95.7	95.7	95.0	96.0	95.1	96.3	96.3	95.4	95.7
≥ 900 ≥ 800	44.4	85.5	90.2		95.1	95,3	96.2	96.5	96.5 96.5	96.8 96.8 97.2	96.3 96.8 97.3	96.9 96.9 97.3	96.5 97.1 97.5	97,1	96.7	96,9 97,5 97,9
≥ 700 ≥ 600	44.5	85.8			95.8	96,1	97.0	97,4	97.4	97,7	97.7	97.8		98.0	97.6 98.1 98.5	98,3
≤ 500 ≥ 400	44.6	85.9	90.8	93.9	96.3	96.6	97.6	98.0	98.0	98,3	98,3	98.4	98.6		98,8	99.0
≥ 300 ≥ 200	44.6	85,9	90.9		96.4	96 , 6	97.6	98 1	98.1	98.5	98.5	98.6	98.8	98,9	99.0	99.3
≥ 100	44.6	25.4	90.9						98.1	98.5		98.7 98.8	99.0 99.2			99.6 100.0

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_\_

USAF ETAC 10.14-5 (OL A) HEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3203

# CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-71

DEC

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VISIBI	LITY (STATE	ITE MILES)							
(FEET)	≥ '0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/1	≥ 2	≥11/1	≥ 1%	≥1	≥ ¾	≥ %	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	19.3	42,6		47.8 51.7	49.6	49.7	50.6	50,8 54,7	50.9	51.1 55.1						
≤ 18000 ≥ 16000	20.3	45.9	50.1 50.4	51.8 52.1	53.6		54.6	54,9 55,1	55.0 55.2			55,3 55,4	55.8	55,8	56.1	56.9
≥ 1400u ≥ 12000	20.7	47.0	51.3 53.2	53.0 55.1	54.8	54.9	55.9 58.0	56.1 58.2	56.2	36,4	56.6 58.8	55.7	57.0	57.0	57.3	58,1
≥ 10000 ≥ 9000	22.4	50.6	55.0 56.0	56.9 57.9	58.7	58.8	59.9	60.2	60.2	60.5	60.7	58.8	61.0	91,1	61.4	60.2
≥ 8000 ≥ 7000	23.2	53,0	57.6 58.9	59.6	62.6	61,4	63.8	62.8	62.9	63.2	63,4	63.4	62.0	63.7	64.1	64.8
≥ 6000 ≥ 5000	24.7	55,9 57,9	60.8	62.8	64.6	64.7	65,9	66,1	66.2		69.1	66.7	67.0	67,1	67,4	68,2
≥ 4500 ≥ 4000	25.6	58,7	63,8	65.9	- 1	67,9	71.0	69,4	69.4	69.8 71.8	70.0	70.0 71.9	70.4	70,4	70.8	70.6
≥ 3500 ≥ 3000	26.7	61,5	66.9	70.9	71.3	71.4	72.7	73.0 74.8	73.0		73.6	73.6	72.3	74.0	74.3	73,5
≥ 2500 ≥ 2000	27.8	66,7	70.2	72.8	75.1	75.2	75.5	76.8	76.9	77.3	77.5	77.5	77.9	75.9	76.3	77.1
≥ 1800 ≥ 1500	29.1	67.7	73.5	76.4	78,8 81.1	79.0 81.3	82.8	80.8 83.2	80.9	81,4 83.7	81.5	81.5	82.0	82,0	82.3	81,8
≥ 1000 ≥ 1000	30.5	71,2	77.6	81.0	85.5	85.7	87.5	85.8	85.9	86.4	85,6	86,6	87.0	87,0	87,4	88.2
≥ 900 ≥ 800	31.0	72.9	79.6	83.5	86.4	86.6	38.4	88,8	88.9	89.4	88.7 89.6 90.7	89.6	90.1		90.4	91,2
≥ 700 ≥ 600	31.2	73,9	81.0	85.1	89.0	88.5	90.4	90,9 91,8	90.9	91.5	91,7	90.7	92.2	91.2		92.3
₹ 400 ₹ 200	31.2	74.5	82.1	86.2	90.3	7	92.3	92,9	93.0	93.6	93,9	92.7	93,2	93,3	94.8	94.4
≥ 300 ≥ 200	31.2 31.2	74.7	82.2	86,6	90.6	90,9	93.4	94,1	94.2	95.0		94.7	95.2	96 0	96.4	96,5
≥ 100 ≥ 0	31.2	74.8	82.3	86.7	90.9	91.3	93.9	94.6	94.7	95,9	96.4	96.4	97.3	97,3	97.8	98.1 98.8 00.0

TOTAL NUMBER OF OBSERVATIONS\_

3239

USAF ETAC FORM 0.1445 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-71

DEC

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VISIBIL	ITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥11/2	≥ 1%	≥ 1	≥ ¾	≥ ¾	≥%	≥ 5/16	≥ ¼	≥ 0
NO CFILING ≥ 20000	17.1 18.0	38,7	41.8 45.0		44.9	45.2 48.7			46.7 50.3	47.4 51.1	47.7	47.8 51.4	51.8	48.1 51.8	48.8	49.7 53.4
≥ 18000 ≥ 16000	18.1	41,6	45.2	47.1	48.6	48.9	50.2 50.4	50.6 50.8	50.6	51.3 51.5	51.6	51.6 51.9	52.3	52.0 52.3	52.7 53.0	53.6
≥ 14000 ≥ 12000	18.4	42,5	46,2		49.7 51.7	49.9 52.0	53.2	51,6 53.7	51.6 53.7	52.3 54.4	52.6 54.7	52.6 54.7	53.0 55.1	53.0	53.7 55.8	56.7
≥ 10000 ≥ 9000	20.0	45,8			54.3	53,5	55,8	55.3 56.3	56.3	57.0	57.3	56.3 57.4	57.7	57.8	58.4	58,3
≥ 8000 ≥ 7000	20.5	49,8	52,3 53,9	56.0	57.6	56,3 57,9	59,3	59.7	59.7	60.4	59.0 60.7	59.1 60.8	61.1	61,2	61.9	62,7
≥ 6000 ≥ 5000	21.8	51.2 52.8	57.1	59,5	59.3 61.2	61.5	62.9	63.4	63.4	62.2	64.4	64.5	62.9	64.9	63.6	66.5
≥ 4500 ≥ 4000	23.3	55,2	58.0 59.6	62.1	62.2 63.9	64.2	65.6	66.1	66.1	66.9	67.2	67.2	67.6	65.8 67.6	68.3	69.2
≥ 3500 ≥ 3000	24.1	57,3		64.8	66.7	67.0	69.5 70.9	68.9	68,9	69.7	70.1	70·1 72·6	70.5	70.5	71.2	72.2
≥ 2500 ≥ 2000	26.0	61.7	66.8	70.0	72.1	72.4	73,9	74.4	74.4	75.2	75.6	75.6	76,1	76.1	76.8	77.8
≥ 1800	26.9	64.0	69,8	73.3	75.5	75.9	77.5	77.9	77.9	78,7	79.1 81.6	79.2	77.0 79.6 82.1	79.6	80.3	81.3
≥ 1200	27.8	67.3	73.4	77.5	80.2	80.6	82.5	83.0	83.0	83.8	84.3	84.3	84.7	84.7	85,4	87.4
≥ 900 ≥ 800 ≥ 700	28.2	69.6	75.0	79.4	82.3	84.1	85.0	85.5	85.5	36.3 87.9	86.7	86.8	87.2	87.2	87.9 99.6	88.9
≥ 600	28.3	70.2	76.9	81.6	84.9	85,5	87.8	88,4	90.3	89.4	89.9 92.0	92.0	90.4	90.4	91.1	94.2
≥ 500 ≥ 400 ≥ 300	28.5	71.0	78,2 78,4	83,3	87.1	87.7	90.4	91.1	91.2	92.3	93.0	93.7	93.5	93.5	94.3	95.5
≥ 300 ≥ 200 ≥ 100	28.5	71.1	78,4 78,4	83.5	87.4	88.1	91.1	91.9	92.0		94.2	94.2	94.9	94.9	95.9	97.2
≥ 0	28.5		78.4	83,5	87.5	z - ' -	91.2					94.8				100,0

TOTAL NUMBER OF OBSERVATIONS\_

323

USAF ETAC 1014 0-14-5 (OL A) HEVIOUS EDITIONS OF THIS FORM ARE CASCILETE

### **CEILING VERSUS VISIBILITY**

13821

(1

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

DEC

PERCENIAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VISIB	ITY (STATU	TE MILES)				<del></del>			
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/1	≥ 2	≥: 5	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	14.5	32,3				30.3	37.3 42.2	36,0	38.2		39,9		40.3	40,3	40.8	41.7
≥ 18000 ≥ 16000	15.8	32,5 32,8	35.9	35.4 38.7	40.9	41.2	1111	43.7	43,5	44.8	45.5	45.6	46.0	46.1	46.6	47.5
≥ 14000 ≥ 12000	16,4	33,6 35,2	37.1 38.8	39.5	42.1	42.4	43.7	44.6	44.8	46,1	46.9	46.9	47.4	47.4	47.9	48,9
≥ +0C30 _ 9000	17.7 18.0	36,8	40.5	43.2	46.0	46,9	47.7	48,7	48.9	50.2	51.0 51.7	51.1	51.6	51.6	52.1 52.7	53.1 53.7
≥ 8000 ≥ 7000	18.3	38,3	42.2 43.8	45.2 46.8	48.2	48 + 5 50 + 2	51.6	50.9 52.8	51.2	52,6 54.5	53.5	53.5 55.5	54.0	54.0	54.5	55,5
≥ 6000	20.1	41.2	47.1	48.6 50.4	51.7 53.6	52 · 1 34 · 0	53.8 55.7	55 • 1 57 • 1	55,3	56,8 58,9	57.8 59.8	57.8 59.8	58.3	58.3	58.8	59.8
≥ 4500 ≥ 4000	20.9	43,1	47.5	51.0 52.6	54.2 55.8	34.6	56.4 58.1	57.8 59.5	58.0 59.8	59,6	60.5		61.1	61.1	61.6	62.6
≥ 3500 ≥ 3000	21.9	46,9	49.9 52.1	53,6 56.0	56,8	57, 2	59.2	60.7	61.0	62,6	63,6	63.6	64.2	64,2	64.7	65.7
≥ 2500 ≥ 2000	22.9	51,6	54.2 57.2	58.3 61.4	61.8	62,3	67.9	69.6	66,3	68.1	69.1 72.6	69.1 72.7	69.7	69,7	70+2	71,3
≥ 1800 ≥ 1500	24,5	52,2 54,3	60.3	62.2 65.1	68,9	66,5	72.0	70,4	70.7	72.6	73.6	73.6	74.2	74,2	74.7	75.8
≥ 1200 ≥ 1000	25.5	55,1	64.6	69,7	71,5	72,1	74.6	76,4	76,6	78,8	79,8	79,8	80.4	80.4	80.9	82.0
≥ 900 ≥ 800	26.4	38,6 59,2	66.2	71.5	76.0	75,4	79.8	50,0 81,7	82.0	84.4	83.6	83.7	84.3	84,3	84,8	85.9 87.9
≥ 700 ≥ 600	20.5	00+0 60+5	68.1	73.7	78.4	78 , 2	82.7	84,9	85,1	87,8	87.3	87.3	87.9	88,0	88.5	89.6 91.5
≥ 500 ≥ 400	26.7	61.0	68,8	74.8	79,7	81.0	84,6	87.1	87,4		90.6	91.9	91.5 92.8	91.5	92.0	93,1
≥ 300 ≥ 200	26.7	61.0	68.8	74.9	80.1	81.3	85.2	87,5	87,9	91.0 91.5	92.6 93.4	92.7	93.7	93,7	94.4	95,7
≥ 100 ≥ 0	26.7	61.0 61.0	98.8	74.9	50·1	81,3	85.2	87,8	88.2	91.7	93.7		95.0	95,1		98,3

TOTAL NUMBER OF OBSERVATIONS

332

USAF ETAC AREA 0-14-5 (OL A) PHEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MUNTGOMERY

37-72

DEC

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING					<del></del>		VISIBIL	ITY (STATU	E MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ ¾	≥ ⅓	≥ '4	≥ 5/16	≥ %	≥ 0
NU CEILING ≥ 20000	23.1		35.5 41.9	37.2 44.2	39.0 46.2	39.2 46.5	40.3	40.6	40.7	41.1	41.3	41.4	41.4	41.4	41.4	41.4
≥ 18000 ≥ 16000	26.5	39.7 40.1	42.1 42.5	64,4 44,9	46.4	46.7	48.0 48.4	48,4	48.5	49.0	49.2	49.3	49.3	49,3	49.3	49,3
≥ 14000 ≥ 12000	27.1 28.1	41,2 43,1	43.7 45.8	46,1	48.2 50.7	48,5 51.0	49.8 52.4	50.3 52.9	50.4 53.0	50.9 53.5	51.1 53.7	51.1 53.7	51.2 53.8	51.2 53.8	51.2 53.8	51.2 53.8
≥ 10000 ≥ 9000	28.7	44,8	47.2	50.6	52.3 52.9	52,6	54.7	55.2	54.7 55.3	55.2 55.8	55.4	55.5 56.1	55.5	55.5 56.2	55.5 56.2	55.5 56.2
≥ 8000 ≥ 7000	30.2	47,4	50.7	52.0 53.7	54.4 56.1	56.5	56,3	56,9 58,7	56.9 58.8	57.5 59.3	57.7 59.5	57.8 59.6	57.8	57.8 59.6	57.8 59.6	57,8 59,6
≥ 6000 ≥ 5000	30.8	48,3	51.7	56,6	57.4 59.3	57,8	61.4	59.9 62.0	60.0	60,5	60.8	60.8	62.9	63.0	60.9	63.0
≥ 4500 ≥ 4000	31.8	50,1 51,5	55.3	57.1 58.9	59.9 61.7	60.3	63.9	64.5	64.6	63.2	63,4	63.5	63,5	63,6 65,5	63.6	65,5
≥ 3500 ≥ 3000	32.8	52,4	58.5	62.5	65.7	63,6	67.9	68.6	66.1	69.3	69.6	66,9	67.0	67.0	67.0 69.7	69.7
≥ 2500 ≥ 2000	35,1 36,4	59,1	63,7	68.0	71.5	72,1	70.5	71,2	71.3 75.0	71.9	72.2 76.0	72.3	72.3	72,7	72.4	72.4 76.2
≥ 1800 ≥ 1500	36.8	62.3	67.2	71,5	72.7	73.3 75.9	78.1	79.0	76.2	79,9	77.3 80.3	80.3	80.4	77,4 \$0.4	77.4 80.4	77.4
≥ 1200 ≥ 1000	38,0 39,1	66,0	71.4	76.2	80.6	#1.3	83,7	82.1 84.7	84.9	3,1 5,7	86.1	83.5	86,3	83,6 86,3	86.3	83,6
≥ 900 ≥ 800	39.7	67,5	73.3	78.5	83.5	84.2	86.9	88,0	88.1	87.1	89.5	89.6	89.6	87,7	89.7	89.7
≥ 700 ≥ 600	40.0	68,7	74.9	80.4	85.6	86,7	89,9	91,0	91.2	90.6	91.1	91.2	93.0	91.3	93.0	93.0
≥ 500 ≥ 400	40.1	69,3	75.8	81.6	87.5	88,8	92.7	94 • 2	94,4	96.0	96.7	95.0		96,9	96.9	96.9
≥ 300 ≥ 200	40.1	69,3	75.8	81.7	87.6	89.0	93.1	94,8	95.0	97.2	98.3	98.4	98,9	98,4	98.6	98.7
≥ 100 ≥ 0	40.1	- 7	75.8	81.7	87.6	89.0		94,9	95.1	97.3	98.4 98.4	98.4	99.0		99.3	99.6

TOTAL NUMBER OF OBSERVATIONS

3340

USAF ETAC NA 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE GISCOLETE

## CEILING VERSUS VISIBILITY

13821

6

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

DEC

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VISIBIL	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ 3%	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	34.9 40.8	43.2	43.9	44.2 52.7	44.5 53.1	44.5 53.1	44.6	44,6 53,3	44.6	44.6 53.3		44.6	44.6			4
≥ 18000 ≥ 16000	41.0 41.4	51,5	52.5	53.1 53.7	54,0	54.0	انتقسا	53.7	53.7	53.7	53,7 54,3		53.7	53,7	53.7	53, 54,
≥ 14000 ≥ 12000	42·2 43·7	55,8	56.9	55.1 57.6	55.4 57.9	55.4	55.5	55,6	55.6 58.2		55.7	55.7 58.2	55.7	55.7 58.2	55.7 58.2	55. 58.
≥ ¹0000 ≥ 9000	45.0 45.4	57,8	59,1	59.8	60.2	60.7	60.4	60,9	60.5	7 7 7	60.5	60.5	60.9	60.9	60.5	60.
≥ 8000 ≥ 7000	46.0	59,4	62.0	7.00	62.1	62,1	63.8	62,3	62.3	64.0	64.0	64.0	62.4	62,4	62.4	62,
≥ 6000 ≥ 5000	47.6	61,5	7 7 7	64.0 66.3	64.7	64.7	67.3	67,4	67.4	67.5	67.5	65.0	67.5		65.0	67.
≥ 4500 ≥ 4000	50.3	64,6	66.3	67.4	68.3 70.1	70.2	68.6 70.4	70.5	70.5	68.7	68.7	68.7	68.7	68.7	68.7	68,
≥ 3500 ≥ 3000	52.3	69,9	72.1	70.6 73.5	71.7	71.7	72.0	72,1	72,1	72.2	72.2	72.2	72.2	72,2	72.2 75.1	72,
≥ 2500 ≥ 2000	55.0	72,3	74.5	76.0 78.9	77.3 80.4	80.5	77.8 81.0	78.0 81.2	78.0	78,1	78.1 81.3	78.1 81.3	78.1	78.1	78.1	78,
≥ 1800 ≥ 1500	56.6	76,2	75,6	80.3	81.8	81,9	82.5	82,6	82.6	86.3	82.7	82.7	82.8	82.8	82.8	82.
≥ 1200 ≥ 1000	57.3	80.6 82.1	83.6	85.8	87.6 90.1	87.8 90.3	91.0	91.3	91.3	91.5	88,8	91.5	88.8	88,8	88.8	88,
≥ 900 ≥ 800	58.4	82,8 83,6	86.9	88.8	92.2	91.4	92.1	92.4	93.7	92.7	92.7	92.7	92.7	92.7	92.7	92.
≥ 700 ≥ 600	58.5	84,4	87.9	90.8	93.6	93.3	94.3	94,9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95,
≥ 500 ≥ 400	58.6	≘ : ▼ £1	88.5	91.4	95.1	95.6	96.2	97,2 98,1	97.3	97,7	97.8	97.8	97.8	97.8		97. 99.
≥ 390 ≥ 200	58.6	84,8	88.5	91.7	95.2	95.7 95.7	97.3	98,4	98.7		99.5	99.5	99.6	99,6		99,
≥ 100 ≥ 0	58.6	84,8	88.5	1	95.2		97.3				99.7	99.8	99,9	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC TILL 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLES

332/

### **CEILING VERSUS VISIBILITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

DEC

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING		_					VISIBIL	LITY (STATU	TE MILES)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥11/2	≥ 1¼	≥ 1	≥ 1,	≥ ¾	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	36.0 41.8	1	46.3 55.6				56.5	47,2 56.6	56.6	47.2 56.7	47.2 56.8	47.2 56.8	47.2 56.8			~
≥ 18000 ≥ 16000	42.0 42.3		56.3		56.7 57.2	56.7 57.2		56.9 57.3		57.0	57.1 57.6	57.1 57.6	57.1 57.6	57.1 57.6	57.1 57.6	57,1 57,6
≥ 14000 ≥ 12000	43.0	36,7 38,8	57.8 60.0	60.7	58.7	58.7	• .	61.3	61.3	59.0 61.4	59.1 61.5	59.1 61.5	59.1 61.5	59,1 61,5	59.1	59,1 61,5
≥ 10000 ≥ 9000	45.7	61,2	62.7	62.7 53.4	63.8	63,9	64.0	64.1	64.1	64.3	63,6 64,4	63.6	63.6 64.4	63,6 64,4	63.6	63,6
≥ 8000 ≥ 7000	47.0	64,1	65.7	65,1		67.2	67.4	57,5	67.5	67.7	66.1 67.8	66.1	67.8	66.1	66.1	66.1 67.8
≥ 6000 ≥ 5000	48.6 49.9	67,3			70.9	71.0	71.3	71.5	71.5	71.7	69.1 71.8	69.1 71.8	69.1 71.8	69,1 71,8	69,1 71.8	69,1 71.8
≥ 4500 ≥ 4000	50.4 51.1	69,9	70.2	71.4	72.2	72.3	70.4		72.9	73.1		73.2 75.0			73.2 75.0	73.2 75.0
≥ 3500 ≥ 3000	51.9 53.1	73,7	73.2	77,4	78.4	78.6	79.2		76.2 79.4	79.7	76,6	76.6	76.6	76,6 79,8	76.6	76.6 79.8
≥ 2500 ≥ 2000	55.2 55.7	78,8			84.2	84.5	85,1	85.2	85.3	85,6	85.7	85.7	82.8	82.8 85.7	82.8	85.7
≥ 1800 ≥ 1500	56.3	81.4	84.1	86,0	87.5	87,8				89.2	89.3	89.3	89.3	89,3	89.3	89,3
≥ 1200 ≥ 1000	57.3	83,6		88,8	90.6	91+0 92+0	92.1			92.7		92.8		92.8	91:1	
≥ 900 ≥ 800	57.5 57.5	84.6	88.0 88.4	90.3	92.4	92.8		94,4	94.5	95.0	95.1	95.1	94.0	94+0	94•0 95•1	94.0
≥ 700 ≥ 600	57.5 57.5	85.2	88.8	91.3	93.6	94.2	95.7	96,2	95+3 96+2 97+2	96.9		97.0	97.0	96.0	97.0	97.1
≥ 500 ≥ 400	57.5 57.5	85,5	89.4	92.0	94.6	95.3	97.0	97,8	97.9	8.66	99.1	98.2 99.1	99.1	98,2	99,1	99.2
≥ 300 ≥ 200	57.5 57.5	85,5	89.5	92.2	94.8	95.5 95.5 95.5	97.4	98,2	98.2 98.3		99.7	99.5	99.6	99.6	99.6	99.9
≥ 100 ≥ 0	57.5	85,5	89.5	92.2	94.8		97.4	98,2	98.3					99.9		100•0 100•0

LISAF FTAC TOTAL OLIASION AN HENRY INTONE OF THE CONTROL OF CHIEF

334

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37=72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVA, ONS)

1800-2000

CEILING							VISIBIL	ITY ISTAT.	· 'Vi' ·							
(FEET)	≥ 10	≥6	≥ 5	24	≥ 3	≥ 21/5	≥ 2	11/4	<u>د</u>	2,	1.	≥ 1/6	≥ 1/3	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	27.9	49.0	51.1	52.3 57.6	52.9 58.4	52.9 58.4	59.6	53,5	53.5 59.1		9.4	53.5	13.7	53.7	53.8	53.9 59.7
≥ 18000 ≥ 16000	30.1	53.9	56.3	57.8 58.2	58.6	58.6	59.2	59.7	59.3 59.7	59.2	59 € 6 10• ~	50,6	59.7 60.1	59,7 60,1	59.7 60.1	59,8 60,3
≥ 14000 ≥ 12000	30.5	55,3 57,6	57.8	59.4 61.9	62.9	60.4	61.0	61,2	61.2	62.	1 e , 1	54.0	64.1	61.6	61.6	61.7
≥ 10000 ≤	32.4 32.7	59,9	62.6	64.3	65.3	65.3	66.0	66.2	66,2	66.	 . <u>22</u>	53.7	65.7	65.7	65.8	65,9
≥ 8000 ≥ 7600	33.1	01,Z 62,5	65.4	67.2	68,4	68,4	69.1	69,3	69,3	69.5		65.3	19.6	69,6	68.2	69.8
≥ 6000 ≥ 5000	34.5 35.3	04,1	69.3	71.2	70,3	70.3	73.3	73,5	73.5	73.7	73.8	73,8	71.0	73.9	73.9	74.0
≥ 4500 ≥ 4000	35.5 36.5 37.1	68,8	70.4	72,4	73.8	73,8	76.6	76,8	76,8	77.0	77.1	77.1	77.2	75.1	77.2	77.3
≥ 3500 ≥ 3000	37.7	72.0	75.7	78.0	79,8	79,8	80.7	80.9	80,9		81.1	81.1	81.2	81,2	81.3	81.4
≥ 2500 ≥ 2000	39.2	76.0	80.2	82.9	84.9	84,9	85,9	86,1	86.1	86.3	86.4	86.4	86.6	86,6	86.6	86.8
≥ 1800 ≥ 1500	40.3	78,6	82.8	85.8	88.0	88.0	89.0	89,3	89.3	89.5	91.9	89.6	89.7	89.7	89.8	90.0
≥ 1200 ≥ 1000	40.7	80.3	85.0 85.5	88.5	91.2	91,3	92,4	92.6	92.6	92,9	93.0	93.0	93.1	93,1	93.2	93,4
≥ 900 ≥ 800 ≥ 700	40.9	81.1	86.i	89,6	92.4	92.5	93.7	94.0	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.8
≥ 600	41.0	= " ' -	86.8	90.5	93.6	93.7	95.2	95,7	95.7	96.0	96.1	96-1	96.3	96,3	96.3	96.5
≥ 500 ≥ 400 ≥ 300	41.1	82.1 82.1	87.6	91.6	95.2	95,4 95,6	97.0		97.6	98,2		98.3	98.4	98.4	98.5	98,6
≥ 100	41.1	82.1 82.1	87.7	91.9	95.5	95.7	97.6	98,3	98.3	98,9	99.3	99.2	99.4	99.4	99.5	99.7
≥ 0	41.1	82.1	87.7	91,9	95.5	95.7	97,6		98.3		99.3	99,3	99.6			100.0

TOTAL NUMBER OF OBSERVATIONS\_

331

USAF ETAC TOPM 0-14-5 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-72

DEC

PERCENT AGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

\_2100-2300

CEILING							VISIBIL	ITY (S) 4TU	re miles)							
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CE'LING ≥ 20000	23.5	46,7 50,7	49.4	51.4 55.9	52.7 57.4	52.7 57.4	53.2	53,4 58,2	53.4	53.6	53,7	53.7 58.5	53.9 58.7	53.9 58.7	54.0 58.8	54.3
≥ 18000 ≥ 16000	24.9	50,8	33.9	56,1 56,6	57.6 58.1	57.6 58.1	58.1 58.7	58,3 58,9	58,4	58.6 59.1	58.7 59.2	58.7 59.2	58.9 59.4	58,9 59,4	59.0 59.5	59.2 59.8
≥ 14000 ≥ 12000	25.5	52,0 54,4	57.9	57.4	58.9 61.7	59.0	59.5 62.4	59,7	59.7	59.9 62.8	63.0	63.0	63.1	60.2 63.1	60.3	63,
≥ 10000 ≥ 9000	27.6	56,6	59,4 60,1	62,4	64.0	64,1	64.6	64.8	64.2	65.1	65.2	65.2	65.4	65,4	65.5	65,
≥ 8000 ≥ 7000	28.8	59,0	62.6	65,1	66.8	65.2	67.4	67,6	67.7	67,9	66.3	68.0	66.5	66,5	66.6	68,
≥ 6000 ≥ 5000	30.1	62,1	64.4	67.0	70.3	70.4	71.1	71,3	71.3	73.5	71.6	71.6	70.1 71.9	70.2	70.2	70,
≥ 4500 ≥ 4000	30.3	03,1 64,8	68.9	71.8	71.6	73,7	74.4	72,3	74.7	74.9	72.9	72.9	73.1	73,1 75,3	73.2 75.3	73.
≥ 3500 ≥ 3000	32.1	67,7	70.2	75,2	75.0	17.2	77.9	76,0 78,1	78.2	78,4	78,3	78.5	76,5	76,6	76.7	77,
≥ 2500 ≥ 2000	33.3	71,6	76.3	79.6	82.0	82.1	83.0	83.2	83.2	83,5	83,6	83.6	83,8	83,8	80.8	84.
≥ 1800 ≥ 1500	34.4	74,5	79.4	82.9	85.5	85.6	86.5	86,7	86.8	87.0	87.1	87.1	87.3	87.3	87.5	87
≥ 1200 ≥ 1000	35.0	76,9	82.1	86.0	89,1	89,2	90.3	90,6	90.4	90.9	91.0	91.0	91.3	91.3	91.5	90.
≥ 900 ≥ 800	35.5	78.0	83.3	87.4	90.6	90.8	92.1	92,4	72.4	92.7	92.9	92.9	93.1	92,2	93.4	92.
≥ 700 ≥ 600	35.5	78,7	84.4	88.6	92.1	92.4	94.0	9414	94.4	94.7	94.9	94.9	94.2	94.2	95.4	94,
≥ 500 ≥ 400	35.6 35.7	79.0		89.5	93.3	93.6	95.7	96.	96.1	96.6	96.8	96.8	96.1	97.2	96.3	96,
≥ 300 ≥ 200	35.7 35.7	79.0	84.9	89,6	93.5	93.8	96.2	96.8	96.8	97.0	97.9	97.2	97,7	97,7	98.6	98,
<ul><li>100</li><li>≥ 0</li></ul>	35.7 35.7	79.0	1 - 4 - 2	89.6	93.5	93.8	96.2	90,8 96.8	96.9	97.8	98.2 98.2	98.2	98.8 98.8	98,8 98.8	99.1	99,

TOTAL NUMBER OF OBSERVATIONS\_\_\_

<u> 3294</u>

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

#### SKY COVER SUMMARY

Due to the reporting of total cloud amount in GWC tapes for airways hourly observations Jan 71 and later, clear, scattered, broken, overcast, partial and obscured are converted to 0, 3, 9, 10, 9 and 10 tenths. The sky cover summary for this station is limited to the period of record through Dec 70.

#### PART D

#### SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual . all hours and all years combined.
- 2. By month by standard 3-hour groups.

NOTE: #1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given oelow:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
<del>4</del>	5
5	6
6	8
7	9
8 (or obscured)	10

The state of the same

SKY COVER

13821

2

€.

G

 $(\cdot)$ 

**(**:

C

C,

MAXWELL ALB ALABAMA/MONTGOMERY

46=70

ALL

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HINOM	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MUNIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
IAN	ALL	21.0	3,5	3.7	3,4	3.1	2.4	3.1	4.2	6.1	4,9	44.2	6,3	1859
FEB	· · · · · · · ·	24.9	3.6	3.7	3.6	3.0	2.4	2.9	4.6	6.5	5.0	39.8	5,9	1693
MAR		24.0	4.1	4.6	4.2	3.4	2.7	3.2	4.8	6.3	4,9	37.2	5.7	1827
APR		28.0	4 . 8	5.2	4.9	4.0	3.5	3,7	5.2	7.7	4.6	28.4	5.1	1799
MAY		23,6	6,1	6.4	6,2	5,2	4.6	4,6	6.7	8.4	5,8	22.5	5.0	1859
JUN		19.8	5,6	6.5	5,9	6.9	6.6	5.3	7.1	9.1	6.3	20.1	5.1	1798
JUL		13.1	4,8	6.5	7.5	7.1	7,6	5.5	8.4	11.4	7,9	20.2	5.6	1858
AUG		18,8	6,0	7.6	7,4	7,2	6,3	5,5	8.2	9,5	6,3	17.2	5.0	1859
SEP		27.1	6,0	6,3	6,2	5,2	4,3	3,3	5,6	7.0	4.7	24,4	4.8	1799
UCT	-	40.0	5,3	6.0	5,1	3,8	3,3	3.1	4.3	5,1	4.1	20.3	3,9	1859
NDA		33,5	5.1	4.8	4.1	3,6	2,5	2,9	4.1	5,9	4.9	28.6	4.8	1799
DEC		28.0	4.0	4.3	3,4	3.0	2,3	2,4	4.2	5,6	4,3	38,5	5,6	1858
101	TALS	25.3	4.9	5.5	5.2	4.6	4.0	3,8	5,6	7.4	5,3	28.5	5.2	21872

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SKY COVER

13821

MAXWELL AFB ALABAMA/MONTGOMERY

46-70

JAN

STATION

STATION NAME

PERIOD

HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MUNIN	(L.S T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS,
JAN	00-02	30.2	2,4	3.8	2.5	2.9	1.8	2.5	3.1	4.6	3.0	43.2	5.7	232
	03-05	28.2	2.4	3.0	2.4	2:1	1.9	2,5	3.0	4,5	2,7	47.3	6.0	232
	06-08	15.1	4,3	3.0	2.9	3,3	2 • 4	2,5	4,6	6,5	5,5	49.9	6,9	232
	09-11	14.7	2.9	3,3	3.7	2.7	2.2	3.4	4.1	7.8	6,5	48.7	7.0	232
	12-14	14.4	4.0	4.0	3,6	3,4	2.6	3.0	6.0	8 • 1	7,8	43.1	6.7	232
	15-17	15,6	4.5	3,6	3.8	3.0	3.4	3,6	4,3	8.0	7.1	43.1	6.6	232
	18-20	23.0	4,6	5.1	4.2	3.7	2.5	3.8	5.2	5.0	3.5	38.7	5.7	232
	21-23	30.0	2.9	4.0	4,3	3,4	2 • 1	3,3	3.0	3,9	2.8	39.7	5,4	232
<del></del> -														
10	TALS	21.0	3,5	3.7	3.4	3.1	2.4	3.1	4.2	6.1	4,9	44.2	6.3	1859

USAFETAC

FORM JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE ORSOLE

SKY COVER

13821

€

(

C

MAXWELL ALB ALABAMA/MONTGOMERY

46=70

FEB

MOITATE

STATION NAME

PERIOD

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085
FEB	00=02	34.7	2.6	3,6	2.7	2,3	1.7	2,3	3.6	4.2	2.1	40.3	5.3	211
	03-05	31.0	2,5	3,5	3,5	2.5	1.2	3.2	2.1	4,3	2,3	43,9	5,6	211
	06=08	18.1	5.0	3,6	3,5	2.6	2 • 2	2.2	5.1	?•o	6,5	44.2	6,5	211
	09-11	18.9	4.0	3.3	3.8	2.7	2 • 8	3.1	4.3	7,6	6.9	42+4	6,4	211
	12-14	18,2	4,3	3,5	3.6	2.8	3,3	3.0	6.4	8,9	7.3	38,7	6.4	211
	13-17	18,9	4.1	3.2	4.3	3,5	3.0	2.9	5.7	8.8	8.0	37.6	6.3	2110
	18-20	25.4	3.7	4.9	3.7	3.7	2.7	3.9	6+0	ō•9	4,4	35.1	5,6	211
	21-23	33.9	2.2	4.3	3.9	3,6	2•2	2,8	3.8	4,3	2.7	36.2	5,1	211
											-			
to	TALS	24.9	3,6	3.7	3,6	3.0	2 • 4	2.9	4,6	6.5	5.0	39.8	5,9	1693

USAFETAC

FORM DOLE TOLA

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

**SKY COVER** 

13821

MAXWELL ALB ALABAMA/MONTGOMERY

46=70

MAR

STATION

STATION NAME

PERIOD

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH.	(LST)	0	l	2	3	4	5	6	7	8	9	10	SKY COVER	O85
MAR	00-02	35.2	2.5	3,3	3,8	2,5	1.9	2.8	3.7	4.5	2.3	37.4	5,1	2284
	03-05	31.0	2.5	4.2	3.7	2.1	2.0	2.8	3.6	3.6	2.1	41.7	5,5	228
	06=08	19.7	4.2	3,9	3.2	2.9	2 • 2	2,2	4.7	7.2	6,5	43.2	6.4	226
	09-11	19.8	3.2	4.1	3,6	3,3	3,4	3,9	5.3	7.4	6.7	39.2	6.2	228
	12-14	16,4	4.7	4.2	4,4	4,3	3,2	4,7	6,6	8 + 1	6,4	37.0	ó.3	2280
	15-17	16.4	5.6	4.7	5.1	4,7	3.5	3,3	5,6	8.8	7.4	34,8	6.1	2280
	18-20	22.6	6,4	7.1	5,9	4,3	3.2	2,9	5.5	6.0	4 . 8	31,6	5.3	224
	21-23	35,0	3,3	5,6	3,5	3,3	2,2	3,2	3,4	4,4	2,9	33.0	4,8	2278
10	TALS	24.6	4.1	4.6	4.2	3.4	2.7	3,2	4,8	6,3	4.9	37.2	5.7	1827

USAFETAC

FORM JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATTEMPORTURE SELECTION OF THE SE

**SKY COVER** 

13821

MAXWELL AFB ALABAMA/MONTGUMERY

46-70

APR

STATION

2

CTATION MANE

ERIOD

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONIS	(L S.T )	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085
APR	00-02	42.0	3,6	4.4	4,2	3,6	1.7	2,5	3,5	5,3	2,3	26.2	4.1	225
	03-05	33.2	4.1	5,3	5.0	3.1	2•4	3.2	3.6	3,6	2.4	32.0	4,9	2249
	06-08	22.4	2.1	4.4	3,8	2.8	3.4	2,9	4.5	7.2	7.0	36,5	5.9	224
	09-11	21.4	4,9	4.4	4.5	4.0	3.6	3,9	5.9	9,7	6,7	30,9	5.7	224
	12-14	18.7	4,9	5.0	4,4	5,2	5,6	4.2	7.8	10.3	5.0	28,0	5,7	2248
	15-17	18.4	5,6	5.9	6.2	5,3	4.7	4.2	6.7	9.5	0.4	27.1	5.6	2250
	18-20	26.0	5,8	6.9	6.2	4.4	3.5	4,4	5.2	8.7	4+0	25.0	4.9	2250
	21-23	41.3	4,4	5.4	4,8	3,7	2•8	4•0	4.7	5,6	1.6	21.8	3.9	224
10	TALS	28.0	4.1	5.2	4,9	4.0	3,5	3.7	5.2	7,7	4.6	28.4	5.1	17992

USAFETAC

T

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

**SKY COVER** 

13821

2 €

MAXWELL ALB ALABAMA/MONTGOMERY

46=70

HAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	:			MEAN	TOTAL
MONTH	(L.S T )	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO, OF OBS
МДУ	00-02	44.9	4.3	5.7	4,9	3.8	3.1	3,4	3.7	5,4	2.5	18.4	3,6	232
	03-05	30.0	5.8	7.1	5.9	4.0	3.7	4.0	5.7	6.8	3.7	23.3	4,6	232
	p6=08	21.2	5,8	6.1	4,9	4.0	3.6	3,9	6.5	8.0	7.1	28.9	5,5	232
-	09-11	16.1	6.3	5,4	5,6	5,9	5.4	5,3	8.1	10.4	8.6	23.0	5,6	232
	12-14	8.0	5,9	4.9	7,7	7.1	7.4	6,7	9.4	12.7	9.0	21.2	6.0	232
	15-17	9.1	7.6	7.7	7,5	6,8	5,8	5.0	7.7	10.8	8.4	23.6	5,8	232
	18-20	19.8	7.4	7.6	7.0	5,5	4.1	4.8	7.6	8,3	5.2	22,7	5.1	232
	21-23	39.7	5.ž	6.5	5,8	4,4	3.7	3,4	5.2	4,9	2.1	19.0	3,8	535
<del> </del>														
101	ALS	53.0	6.1	6,4	6,2	5.2	4,6	4,6	6,7	8,4	5,8	22.5	5.0	1859

USAFETAC

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13821 MAXWELL AFB ALABAMA/MONTGOMERY 46-70
JUN

STATION STATION NAME
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONIN	(L S.T )	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	08>
JUN	00=02	40.5	6,0	6.9	6.5	5,8	3.7	3,4	5,1	5.1	2.2	14.9	3,5	2248
	03-05	27.2	6,5	8.6	7.2	5,5	4.8	4.5	5.8	8.0	4.0	17.9	4.4	2249
	06=08	20.0	5.7	6.3	6.1	5,7	4.9	4+3	5,5	8.4	7.3	25,3	5,3	2247
	09-11	12.6	5,2	5.7	7.5	8,2	8.3	6.2	7,7	11,5	7.0	20,0	5,6	2248
	12-14	5.2	3.4	4.0	6.5	11.6	13.2	7,9	10.7	12.2	8.8	16,6	6.1	2248
	15-17	6.0	5.2	7.0	8.2	8,1	8.3	5,7	8,3	12.0	9.5	21.7	6.1	2247
	18-20	13.3	7.7	6.4	5.3	5,5	5.8	5,4	7,5	9,5	7,8	25,8	5,8	2250
	21-23	32.8	5.2	6.7	7,5	4.7	3.8	5,3	5,8	5,7	4.0	18,5	4.2	2250
to	TALS	19,8	5.6	6,5	6,9	6.9	6,6	5.3	7.1	9.1	6.3	20.1	5.1	17987

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OCCUPANTAL SECTION OF THE CONTRACT OF THE CONT

SKY COVER

13821

. .

2

MAXWELL AFB ALABAMA/MONTGOMERY

46-70

JUL

STATION

STATION NAME

PERICO

HINOM

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FPEQUEN	CY OF TENTH	S OF TOTAL	L SKY COVER	!		_	MEAN TENTHS OF	TOTAL NO OF
MONIH	(L S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085.
JUL	00-02	34.0	6,8	9.5	7.7	5.4	3.9	3.7	4.4	6,4	3.1	14.5	3.7	2324
	03-05	23.3	7.0	₿.4	8,6	7.0	5.1	4.7	6.3	7,5	4.4	17.6	4,5	232
	06-08	17.5	6, <u>1</u>	5.9	7.1	5,5	6.1	4.7	7,5	10.3	10.0	24,9	5,9	2322
	09-11	7.0	4,6	5.3	6,5	7,2	10.2	5,9	10.0	14.6	10.0	18,6	6,1	232
	12-14	1.0	1,3	3.1	7,4	9.1	14+6	8.0	12.5	17.6	10.3	14.9	6,6	2323
<del></del>	15-17	1.5	2.4	4.4	8.3	9,3	10,3	5.2	8,9	14.4	11.0	24.2	6.7	232
	18∞20	4.7	4.0	6.3	6.9	5,5	6.2	5,6	9.4	12.5	10.1	28,9	6,7	2324
	21-23	20•9	6,4	9•1	7.6	7,8	4,5	6+1	8,2	7,7	3.9	17.8	4.7	232
	TALS	13.1	4,8	6.5	7,5	7.1	7,6	5,5	8.4	11,4	7,9	20.2	5,6	1858

USAFETAC JUL 64 0-7-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

**SKY COVER** 

13821

MAXWELL ALB ALABAMA/MONTGOMERY

Million of the Control of the Contro

46-70

AUG

STATION

2

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HINOM	HOURS				PEPCENTAG	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONIN_	(L S T.)	0	1	2	3	4	5	6	7	8	9	10	SAY COVER	085
AUG	00=02	42.0	6.0	8.5	6.9	4.9	3.0	4.2	4,9	4.3	2.1	13.3	3.2	232
	03-05	32.1	7.8	10.1	8.2	5,0	3.7	3,7	4.6	5,6	3.2	15,9	3.8	232
	06-08	15,3	7.6	6.8	7.4	6,3	4 • 8	4,9	7,6	9,6	7.4	21.2	5.3	232
<del></del>	09-11	13,8	5.8	6.3	6.8	8.1	6.8	5,8	8,9	11.6	9.0	16,9	5,5	232
	12=14	2,9	3.4	4.6	7.2	11.0	13.1	9.0	15.2	12.4	8.2	12.9	6.1	232
	15-17	3.9	٥.6	6.9	8.0	8,9	8.7	6.2	10+1	13.1	9,9	15.7	6:1	232
	18-20	10.5	5.3	9.2	7.1	6.4	5.2	5.2	3.0	12.0	7.0	23.1	5,8	232
	21-23	29.2	6.0	8.0	7,8	6,7	5,1	4,9	5.4	7.0	3,4	15.9	4.1	232
								·						
10	TALS	18,8	6.0	7.6	7.4	7.2	6.3	5,5	8.2	9,5	6.3	17.2	5.0	1859

USAFETAC

8M 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SKY COVER

13821

MAXWELL AFB ALABAMA/MUNTGOMERY

A THE WAY AND A STATE OF THE PARTY OF THE PA

46-70

SEF

STATICAL

Ţ

**2** €

JAAN POITATE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENIH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	16	SKA COAEE	OBS
SEP	00-02	46.5	5,4	5.8	3,9	3.4	1.7	2.4	3,8	4.0	2.0	21.1	3.5	225
	03-05	38.4	6.3	6.4	5,5	3,6	2.4	2.2	4.0	4.7	2.5	24.0	4.0	<b>224</b>
	05-08	23.5	6,9	6.7	5,7	4.0	3.1	2.7	5.0	7.2	6,4	28,9	5,2	224
	09-11	50.1	6,1	6.4	6,5	5.0	4.6	3.5	6.3	8.7	6,4	26,4	5.4	224
	12-14	10.0	4.7	4.7	7,4	9.4	9.7	5,4	8.4	11.0	6.2	23.1	5,9	224
	15-17	11.8	7,6	6.7	9,7	7,5	5.6	3,4	6,8	8.4	7,9	24.5	5,6	224
	18~20	26.4	5,8	7.2	6.3	4,8	4.2	3,7	5.8	6.1	4.3	25.4	4,8	224
	21-23	40.3	5.0	6.8	4,9	3,9	2.9	2,8	4,6	5,5	2.0	21.4	3.9	223
						-								
10	TALS	27.1	6.0	6.3	6.2	5.2	4,3	3.3	5,6	7.0	4.7	24,4	4.8	1799

USAFETAC FORM DUE 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

13821

MAXKELL AEB ALABAMA/MONTGUMERY

46=70

DCT

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	1 HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONIN	(L,5,T)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
UCT	00-02	54.3	2.9	5.2	3,3	2.2	1.9	2.5	2.8	3,6	1.9	19,4	3.2	2322
	03-05	45 1	3.7	5,3	3.8	2.7	2,5	2.1	3.2	3,8	2.0	21.8	3.5	2324
	06=08	31.9	7,3	5.7	4.5	3.8	3.1	3.0	5.0	5,4	5,6	25.0	4.6	2323
	09-11	32.6	6,3	5,6	4,8	4.2	4.5	2,2	5.2	6,3	5.7	22,7	4,5	2325
	12-14	27,3	4.7	5,5	6,6	6.5	5.7	4,9	7.1	7.0	6,7	19+1	4.7	2325
	15-17	27.5	<b>ب</b> ه ه	8.0	8.1	4,5	4.3	4.0	5,2	7,1	5,7	19.1	4.4	2325
	18-20	43,8	6.0	7.0	5,6	3.6	2.4	3.0	3,8	4.5	2.5	17.9	3.4	2324
	21-23	53.3	4.9	5,4	3,6	2,6	1.7	2,9	3.0	2,9	2.3	17,1	3.0	2324
10	TALS	40.0	5.3	6.0	5.1	3,8	3.3	3,1	4.3	5,1	4.1	20.3	3,9	18592

UJN.ETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

Million School and the course

**SKY COVER** 

13821

MAXWELL AEB ALABAMA, MONTGOMERY

46-70

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGI	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085
VOV	00=02	42.5	4.0	5,2	3,4	3,3	1.7	2.8	3.8	4.4	2,0	27.0	4.1	2250
	03-05	41.4	2.9	3.8	3.3	3,4	2.5	2,3	3.0	5,4	2.5	29.5	4.4	2248
	06=08	25.1	6.0	4+1	3,8	3,7	2.7	3.6	3.6	7.5	ು,ಫ	33.3	5.5	2249
	09=11	26.3	5,9	4.5	4.0	3,6	2.7	2.5	4.5	6.8	6,8	32.4	5,4	2249
	12-14	25.3	6,2	5,1	4.4	3,6	3,0	2 , 8	5.0	7.6	8,5	28,5	5,3	5546
<del></del>	15-17	25.0	6,4	5,3	4.7	4.0	3.5	3,7	5.4	7.1	7.0	27.3	300	22:19
	18-20	38.2	5,3	6.0	5.0	3,5	2.4	2.8	3,9	4.2	2.8	25,9	4.2	2247
	21-23	43.6	3.8	4.7	4.4	3,3	1.6	2.9	3.7	4,2	2.7	25.0	4.0	22.50
													-	; }
												<u> </u>		
10	TALS	33.5	5,1	4.8	4.1	3,6	2.5	2,9	4+1	5,9	4,9	38,6	4 , R	1799

USAFETAC

FORM UL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OFSOLETE.

**SKY COVER** 

13821 M

MAXWELL APR ALABAMA/MONTGOMERY

46=70

DEC

STATION

**2** ₹

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HUURS	[			PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MUNIN	(U.ST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085
DEC	00-02	36.8	2,6	3.4	3.1	2.1	1.9	2.3	3.3	3.7	2.8	38.0	5.1	2320
	07-05	36.0	1.9	2.9	2.5	2.4	1.5	2.1	2.8	4.2	2.8	40.9	5.3	232
	06-08	50.0	4.4	4.9	3.2	3,6	2.5	2.5	4.7	6,8	5.7	41.0	6.2	2325
	07-11	19.7	5.4	4.3	3.6	3.1	2.4	2.5	5,6	6.5	5,8	41.1	6.2	232
	42-14	.0.5	5.4	4.1	4,4	3.0	2.8	3,1	4.6	7,6	6.1	38,3	6.0	2323
	15-17	7 1 + 3	5.3	5,8	3.7	3,8	2.9	2.4	5,2	7,6	5.8	36,3	5,8	2323
	18-20	34.4	4.2	4.5	3.3	3,3	2,2	2.7	4,9	4.0	2.4	36.0	5.1	2324
	21-23	75,4	2,5	4.4	2.8	3,0	1.9	1,9	2.8	4,6	2,9	36,7	5.0	2324
īC	TALS	28.0	£ • ()	4.3	3,4	3.0	2.3	2.4	4.2	5,6	4,3	38,5	5,6	18589

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ALS OBSOLETE.

#### PART E

#### **PSYCHROMETRIC SUMMARIES**

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- Cumulative percentage frequency of occurrence derived from daily observations and presented by month
  and annual for all years combined. These tabulations provide the cumulative percentage frequency to
  tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and
  total number of observations in three separate tables as follows:
  - a. Daily maximum temperatures

Commission and a second commission of the commis

- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

等官於法職一門養養的家院養養於紀若

·山歌 &

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\Sigma X^2)$ , sums of values  $(\Sigma X)$ , means (X), and standard deviations (GX). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dev-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
  - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING RRANCH
JSAF ETAC
AIR MEATHER SERVICE/MAC
13921 MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME

**DAILY TEMPERATURES** 

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

37-56, 64-72 YEARS

MAXIMUM

1	TEMP (°F)	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	105							. 1						
	100						1.8	3.3	2.4	_ 1				
	23					3.1	22,8	25.1	8,05	7.9	. 2		1	6.
-	90				1.0	25.1	63.4	67.9	65.7	37.1	3.0			22.
	85	- 1		2.7	17.8	56.0	88.4	93.0	92 2	69.4	18,9	• 2		36.
	80	. 8	2.0	14.5	46.2	81.5	97.3	98.4	-, u , i	86.0	49.2	6.0	. 9	49.
	75	7,2	10.1	14,5 31,3	48.4	93.1	88,4 97,3 99,5	99.8	1,0	95.0	71.5	21.0	6.3	39.
-	70	18.8	23.4	49.5	03.9	97.5	99.5	100.0		98.6	87.6	39.0	16.8	68.
	70 63	30.8	38,9	64.9	93.7	99.8	100.0			98.6 99.8 99.9	94,8	59.3	30.9	76.
	60	45.4	57,0	80.0	98.9	100.0	- Z.FY			99.9	98.3	74.6	48.6	83.
-	55	61.6	73.1	90.0	99.5					100.0	99.8	86.0	66.2	89.
-	50	76.1	85,1	96.1	99.9						100,0	94.7	83.9	94.
	45	89.5	93.9	99.0								98.8	93.2	97.
-	40	95.6	98.4	99.7		/-						99.4	98.2	99.
	35	96,3	99.7	99.9								99.9	99.9	99.
	30	99.2	49.9	99,9 100,0				<del></del>						99.
	25		100.0	200								4.70	TANK TAN	100.
-	- 55	999												# <u>N</u> I.
		<del> </del>												
		#								·				
-		+					·							
		L												
		<del> </del>												
		<del> -</del>		·										
		<del> </del>												
	-	<del> </del>												
_			<del> </del>											
		ļ												
		<del> </del>												
-		1											🗜	
		<u> </u>												
		<u></u>									'			· · · ·
		ļ <u></u>								<del></del>				
	MEAN	58.0	61.0	68.3	77,5	84.7	90.6	91.3	91.0	86.7	78.1	65.7	59.2	76.
	S D	11,099	10.515				5,107	4,720	4,554					14.78
T	OTAL OBS	837	791	867	839	868	838	868	837	840	868	510	868	1013

OATA PRUCESSING BRANCH
USAF ETAG
AIR WEATHER SERVICE/MAC
13821 MAXWELL AFB ALARAMA/MUNTGOMERY 37-56, 64-72
STATION NAME
VEARS

### **DAILY TEMPERATURES**

CUMULATIVE PERCENT. 'E FREQUENCY OF OCCURRENCE (FROM L LY OBSERVATIONS)

WINIKUM

	TEMP (°F)	JAN	FE8	MAR	APR	MAY	JUN	JUL	AUG	SEP	oct	NOV	DEC	ANNUAL
≥  ≥	80	ļ					2		1					
	75_	<del>-</del>	t				13.8	23.5	20.3	4.9			<del> </del>	3.7
2	70	·			1.2	13.2	66.2	90.2	84.3	46.5	5.5			25.4
≥ 2	65	1 1.0	-18		11.6	47.8	90.0	98.7	97.7	70.5	17.3			
= -	60	4.3			33.1	73.6	97.1	100.0	100-0	89.8	33.6	6.8	3.9	45.4
_	55_	10.2		26.5	55.4	89.3	99,4			95.8	56.1	13,2	8,9	55.0
=		18.5	19,7	39.7	75.2	97.6	100.0			99.2	75.3	30.7	16.8	63.
=	45	29.3	34,4	57.3	90.2	99.9				99.8	89.3 96.8	48.6	30.0	73.5
	40	43.1	54,1	74.2	97.3	100.0				100.0	96.8		48.2	81.5
<u>-</u>	35	62.5	72,3	39.4	99,9						99.5		60.5	89.9
21 21 21 21 21 21 21 21 21 21 21 21 21 2	33	71.1		74.6							99,9	89.6		72.5
_	30	32.4	87.7	97.0	100.0						100.0	95.2	87.7	96.0
<u>2</u> 2 2	25	93.7	95.8	99.5	<del>`</del>			1				98.6	96.7	98.7
≟	20	97.1		100.0								99.6	99.5	97.6
	15	99.0	99.7				<del>-</del> -		1				100.0	99.9
2	10		100,0	,								100.0	!	100.0
<u>≥</u> .	5	100.0	<u> </u>								-			100.0
		<del>-</del>	·							-				! ••
≥		<b>#</b>	<del></del>			-								
2			·											
<del>-</del>		<del></del>	4					l			-			
_		<del></del>	·											<u> </u>
€.		<del>-</del>												·
€.		¥	ļ											
€-		÷	<del></del>											
<u>-</u> .		<del> </del>	·											
=		•	ļ.,											<b> </b>
€-		<b>.</b>	ļ										~	
≥ 		<del></del>	<del>                                     </del>											
2 .														
<u> </u>		7												ļ_ <b>_</b>
2		#											· •	<del> </del>
≥		<del> </del>	<del> </del>											-
≟		ļ	<del> </del>										-	·
≧	MEAN		J						Fa-122- 1-	اب سيران اس				
		39.0	41.0	47.0	55.2	63.0	70.3	72.6	72.2			44.2		
	5 U	10.837	10.037	y 846	1.727	6.047	4,371	2,715	3,094				9,683	14.003
	TOTAL OBS	837				868	838	868	837	840	868	810	868	10131

DATA PRUCESSING SRANCH
USAF ETAC
AIR «EATHER SERVICE/MAC
13821 MAXWELL AFR ALABAMA/MONTGOMERY
STATION NAME

### **DAILY TEMPERATURES**

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

37-56, 64-77

MEAN

1EMP (°F)	JAN	FER	MAR	APP	MAY	NUL	ายเ	AUG	SEP	OCT.	NOV	DEC	ANNUAL
.90	) _	· -				le0	1.2					1	
85	<u>.</u> 1	•	;			15.8	30.0	17.6	3.0	.2			23,
8.C	)	•		7	15.3	64.8	50.4		37.3	2.9			23,
75	5 <u>.</u> .	!	2.3	11.3	50.0	91.1	97.9		70.1	14,4	ازه	1	36
7.0	1.8	2,5		36.9	79.6	98.0	100.0	100.0	90.6	38.9	4.8	1.5	47.
6.5	8.1	8.6	25.6	62.9	93.8	100.0			97.6	64.6		7.0	57.
60	16.5	20.5	43.7	84.0	99.0				99.3	83.5	32.7	15.3	66
5.	16.5	34.6	62.3	93.9	100.0	- ^ - '			99.3	94,9	52.3	27.5	74
50	43.4	34,6 55,1	78.2	93.9 99.0		- '			100.0	98,8	73.1	47.1	83
4	63.2	74.5	92.2	99.8						99,9	89.1	71.2	90
50 45	32.4	89.1	97.9	100.0	,				1	100.0	96.0		96
13	32.4 93.4	89.1 96.7	99.7	F ANTI-					-	440.00	28.6		98
20	1 04.9	99.0	99.5				•		·		20 0	99.4	99
2,5	96.8	UB 0	100.0								99.0		99
62	700	1000	TANTAN			-				<b>-</b>	99.9		
25 25 26 15	7 7 7 2 1	100.0	1 ;						<b>i</b>	<u> </u>	700 • 7	100.0	
15	100.0	; 	•							i :			100.
	• -	÷				i				• · · · · · · · · · · · · · · · · · · ·			
										1		;	_
			4						•	· •			
	<del>*</del> -	<b>.</b> .	• •			· 							
	-	· -			,	i ∳		l •					
			, •										
						! 							
	_		1			i						1	
		-											
-	-								1				
	7	1	1										
	- * -	•		··						!			
	Ť .	•	1										
	•	•										<del>-</del>	
	<del>*</del> -									-			
			<b>†</b>			<del> </del>				- :		- <del>;</del>	
	*	<del> </del>	<del> </del>										
		ļ	†										
	#												
	- <del> </del>			ir - <sub>e</sub> ryanay			يوشدونون والا		 	اي - ز-ر-	- ,		
MEAN	48.6				74.0	80.5	82.0	81,6		66,9	55,1	49,7	65
\$ D	10,272			6,881	5,521	4,222	3,277		5,385	7.202	8.809	8,909	14.43
TOTAL OBS	837	791	867	839	868	838	868	837	840	868	810	860	1013

### **EXTREME VALUES**

HAXIMUM TEMPERATURE

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-56, 64-72

(FROM DAILY OBSERVATIONS)

1

€

#### WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB	MAR,	APR.	MAY	NUL	JUL,	AUG.	SEP.	ост.	NOV	DEC.	ALL MONTHS
37		80	79	k 87	98	98	97	96	92	90	77	72	
38	74	77	84	89	94	94	96	101	.95	91	85	73	10
39	75	81	84	85	92	97	100	96	194	91	78	75	10
40	67	73	82	86	93	94	98	97	.97	87	79	73	19
41	70	67	75	87	96	96	97	97	97	94	78	76	19
42	'						•		95	86	80	79	
43	79	77	83	(93)	92	99	102	102	93	88	83	78	10
44	78	81	80	93 86	94	102	100	97	96	90	80	74	10
45	69	(82)	88	68	96	100	97	.97	98	89	84	65	10
46	77	77	86	89	91	95	94	95	92	86	83	77	.9
47	78	72	85	88	92	96	96	(103	97	89	75	75	10
48	70	82	86	88	95	98	98	99	95	85	83	77	,9
49	80	79	85	87	93	94	98	95	92	89	79	78	·9
50	80	80	8,5	85	93	99	96	95	93	85	84	76	19
51	74	80	85	89	797	98	99	101	99	91	80		10
52	73	78	83	88	73	102	104	100	92		82		10
53	76	75	82	89	(98	79	100	100	97	67	79	73	10
54	76	80		89	97	105	100	103	100	(96)	77	75	10
55	75	76	86	90	93	93	98	97	76		83	78	• • •
56	72	81	85	8.8	95	98	97	,	, -		-	, , ,	-
64	68	65	81	8.5	93	98	91	95	75	84	80	75	'9
65	75	77	82	87	93	92	93	194	73				, ģ
66	77	76		88	92	95	93 103	95	95	87	79	76	10
67	77	75	87	89	93	95	91	92	Ř9	87	84	78	-9
68	71	69	85	85	85		100	98	94	89	82	75	10
69	75	78	86	88	96	104	103	93	95	87	-	74	• •
70		72	79	92	93	97	79	94	95		76		19
71	82	80	77	87	90	96	100	93	92		(87	(33)	
72	79	81	82	92	88	98	97	97	97	88	83	) (83) - 80	10
MEAN	75.0	76.8	83,3	88.0	93,6	97.5	78,1	97.1	94.9	88.7	80,9	76.0	797.
S D	3,917	4,506		2,073		13.061	3,377	3.093	2.490				2,81
TOTAL OBS	837	791	867	839	868		868			868	810		1013

NUTES \* (BASED ON < FULL MONTHS)
# (AT LEAST DAY (< 24 UBS)

USAF ETAC FORM 0-88-5 (OLI)

#### **EXTREME VALUES**

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

£

13821 MAXWELL AFB ALARAMA/MONTGOMERY 37-56, 64-72

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB	MAR.	APR.	MAY	אטנ	JUL.	AUG.	SEP.	oct.	иои	DEC	ALL MONTHS
37	*	26	30	39	53	67	62	68	53	(32) 36	23	13	
38	2.2	27	32	38	52	63	68	67	52	36	21	27	2
39	32	26	36	38 30 45	48	68	70	63	60	38	29	.26	2
40	10	26	31		45	59	64	-65	48	44	22	30	1
41	29	26	26	45	49	64	71	68	62	48	30	30	Z
42									47	33	33	26	
43	22	21	(20 33	38	53	69	64	63	54	38	30	20	2
44	27	25	33	35	<u>47</u>	62	65	65	62	43	34	22	
45	25	26	38	43	47	62	70	6.5	59	45	27	17	3
46	26	31	39	44	51	57	68	61	54	44	38	32	
47	28	19	24	45	49	60	62	70	50	52	32	30	
48	10	30	32	47	52	63	71	64	58	36	37	26	
49	29	30	31	39	58	63	71	66	48	44	29	28	
50	33	33	32	36	61	61	65	64	59	49	13	21	
51	23	(1.2)	33	38	51	67	69	67	57	45	25	20	
52	26	31	34	38	48	68	69	62	58	33	31	23	
53	26	29	39	39	54	65	65	.64	58	39	35	21	
34	27	27	28	43	48	57	71	68	59	35	26	25	<u></u>
55	24	21	24	45	53	56	68	70	66	38	23	.22	
56	26	34	34	42	51	52	67		~				
64	19	23	30	42		.57	66	65	53	37	27	23	
65	17.	22	29	43	49	58	68		53		27	22	
66	(1)	23	# 27	39			) 68	61	57	43	28	19	
67	26	20		46	50	(52 (61	(61	65	42	) 40		26	
68	23	21	25	41	46	* 58	69	<b>(60</b>	36	33	27	20	
69	18	29	25	46	52	57	71	64	54		7	29	•
70	10	17		40	32	60	62	69	54	45	17	24	
71	Ĩó	Ìs	24	36	45	-64	67	67	60	41	28	33	
72	10	24		38		(32		68	55	45	32	26	
MEAN	22.0	24.8	30,6	40.6	50.4	60.9	67.0	65.4	55,3	40.6	28,0		18
S. D	7,356	5,343	4.662	3,863	3,889	4,797	3.139	2.705	5.206			4,533	5.9
TOTAL OBS	837	791	867						840				101

USAF ETAC FORM 0-88-5 (OU)

NOTES \* (BASED ON < FULL HONTHS)

# (AT LEAST DIE DAY < 24 DBS)

### **PSYCHROMETRIC SUMMARY**

STATION				51	ATION N	AME								YE	ARS					мо	
																		PAG	E 1	HOURS	Ļ
Temp				,						DEPRE							,	TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	De
106/105	,	}				j	]		,	]			.0	) ]				1	1 23	,	1
104/103						ļ			ļ			0			0	٠.0		2.3			L
102/101				i			1		l			• 0	.0	. 0	• 0	• 0	.0	53	53		
100/ 99						<u> </u>	<u> </u>	ļ	<b> </b>	0	0	0			0			220	_220		Ļ
98/ 97	- 1						.0	•0	.0	.0	• 1	. 1	.0	• 0	.0	.0		692	692		l
96/ 95						0	0	0		2	2	1			0	٠٥		1779			L
94/ 93		ĺ			.0	• 0	.0	. 1	<b>3</b>	.3	. 2	. 1	1	.0	•0	•0	.0	3262			1
92/ 91					0	0	-1	3		3	2	1	0	.0	0	0ءــــــــــــــــــــــــــــــــــــ		4929	4929		Ļ
90/89	- 1	i			.0	. 1	.4	.6	.4	.3	• 2	. 1	.0	.0	.0			6515	6515		1
88/ 87				0		3	7	5	4	1	. 2	1	0م		.0			7374	7374	1	1_
86/ 85	i		• 0		. 3	.7	.5	.4	. 3	. 2	• 1	. 1	.0	.0	• 0			8523	8523	3	1
84/ 83			.0	2		7	4	4	3	2	1	0					<u> </u>	9082	9032	19	L
82/ 81	• 0	• 0	. 1	.7	.7	, 5	.4	.3	. 2	.2	. 1	, 1	0	.0	. !			10219	10220	232	
80/ 79	2.		. 7		7	16		<u> </u>	غ و	. 2	1		0	0				12945	12946	2349	4_
78/ 77	, 0	. 4	1.5	,9		.4	.3	, 3	, 2	.1	• 1	• 0	. (	• 0			1	14803	14806	9250	1
76/ 75	. 0	1.5	1.8	. 9	. 6	• 4					. 1	0			1			18425	18431	19119	1
74/ 73	. 1	2.0	1.4		, 5	.4	.3	• 2	, 2	.1	• 1	• 0	.0				İ	18008	18011	24351	1:
72/ 71	2	1,5	1.2		5			.2			1	0						15453	15458	23160	20
70/ 69	• 1	1.1	1.2	• 7	.4	• 3	.2	.2	2	.1	• 0	• 0	)	!!			1	13862	13868	19704	k١
68/ 67		1.1	1,1	5				.2		العــــــــــــــــــــــــــــــــــــ	0	0	<u> </u>	<u> </u>				12626	12631	16862	L
66/ 65	. 2	1.2	. 9		43	, ,	, 2	• 2	. 1	. 1	• 0	• 0	ı		l			12299	12302	10303	10
64/ 63	2	1.1	_47				2			1_0	0		<u> </u>					11131	11136	14669	11
62/ 61	, 2	1.2	• 7	.4	.3	,3	.2		.1	. 0	• 0		<b>,</b>		i i			10878	10884	13419	14
60/ 59		1.1	7	9 4	3					0ء_ا			<u> </u>	<u> </u>			ļ	11670	11084	13128	11
58/ 57	. 2	1.0	, 6	• 4	. 3	.3	.3	. 1		.0			1	1	i I		1	10188	10204	11944	13
56/ 55	2	9	•0		4	.3			که_ل	2				<u> </u>				9872	9860		_
54/ 55	• 2	• 8	• 6						. 0	)	!			1				8905		10339	
52/ 51	2	. 8	•6		4	3	2		\	<del> </del>			ļ	<u> </u>			<u> </u>	8706		9664	,—
50/ 49	• 1	, 8	• 7	• 5	.4	• 3		•0	)•	1			1		1		ĺ	8915	8917	10240	1
48/ 47	1	7	• 6		4	2			9	<u> </u>				L	L			8132		10046	·
46/ 45	• 1	. 8	.7		3 3	• 2	• 6	•0	Ì	1					1		1	8045		10006	
44/ 43	1	7	• 6	<del></del>			0		!	J				<u> </u>				6840		9343	-
42/ 41	. 1				.2	• 1	.0		[	1	ĺ							6189		8916	
40/ 39	-1	6	7	.3	. 2	معا			<u> </u>	<u> </u>	ليـــــا		<u> </u>	<u></u>				5844		8618	L
Element (X)		Σχ²		<u> </u>	ZX		X	-,		No. Ol	*-							h Tempera			_
Rel. Hum.				<u> </u>		_		<u></u>	_		l	10	F	≤ 32 F	≥ 67	<u>: ا :</u>	73 F	≥ 80 F	× 93	<u>:                                      </u>	To
Dry Bulb						_		<u> </u>	_				_			_i_		<u> </u>			
Wet Bulb						_ _			i_				_			_ _				_ _	_
Dew Point				1		-1		1 —	-1-		-1					1		1		1	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13821 MAXWEL! AFB ALABAMA/MONTGOMERY
STATION MAME

a

ಠ

#### **PSYCHROMETRIC SUMMARY**

WET BULB TEMPERATURE DEPRESSION (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 1-2 3-4 38/ 37 4795 4799 7082 8021 • 3 6424 8224 2843 2849 5003 33 .0 7538 7250 32/ 2136 2142 •0 30/ 29 1706 1713 2615 6534 27 28/ 1122 1124 2092 4437 26/ 25 700 458 1509 4475 700 3755 •0 902 21 255 584 2911 255 20/ 320 2041 17 . 0 123 153 215 1809 1397 71 14/ 13 40 40 62 947 57 794 10/ 489 • 0 28 15 15 7 8/ • 0 355 6/ 5 217 1 69 -10/-11 -12/-13 -14/-15 3.222.420.213.710.2 6.1 6.5 5.3 4.2 2.9 1.8 304391

Element (X) No. Obs. Mean No. of Hours with Temperature 1584840548 21133996 59,519,589 Rel. Hum. 304234 ≥ 73 F ≥ 80 F ≥ 93 F 65.315.958 58.713.895 196.34593.13366.2 725.3 175.9 365.0337.21611.4 28.1 4.81085.82440.0 599.5 .7 1376050686 Dry Bulb 19881206 8760 1107856931 17866459 8760 8760

### PSYCHROMETRIC SUMMARY

13821 STATION	- 13A	YMEL	LAF	DAL	A D A PI	A/MDI	<u> </u>	MEKY		2/4	41,4	2=12			ARS					J	1
3/4/104				511	A1108 N	·ME								16	AKJ			PAGI	1	_	١L
Temp										DEPRE								TOTAL		TOTAL	_
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	1 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24	25 - 26	27 - 28	29 - 30	<b>→ 31</b>	D.B./W.B.	Dry Bulb	Wet Bulb	T
82/ 81							.0			-							<u> </u>	3	3	·	t
80/ 79	ı i	- 1	1	1	. d	• a	i	• d	• 0		}	1	1		l i		1	43	43		İ
78/ 77				•0	• 1	• 1	, 1		, 0				_				<del> </del>	84	84		t
76/ 75		<u>. u</u>	1	.1	. i		. 1	.0		)	• d	ì	1				ì	126	126		Ì
74/ 73		- ā	• 0	. 1	. 3	.3	• 1		•0								<del>                                     </del>	219	219	2	t
72/ 71	. a	. 1	, 2	.3	.3	.2	1		. c	.d	ļ	-	i				l	326	326	15	
70/ 69	• 0	.4		•4			. 1	- 1	• 5		- 30						1	575	575	107	
68/ 67	, d	8	.7	- 4	3	.2	. 1	. 1	. 0			1	İ		1		1	665	665	359	٠.
66/ 65	• 1	1.1	.6	• 4	- 3	•2	• 2		• 0									794	794	732	
64/ 63		1.2	6,6	4	3,2	.2	.2	. 2	. 1	1 .1	1	- 1	Ì				1	794	794	724	
62/ 61	.3	1,3	.6	•4			, 2	• 1									1	927	927	825	
60/ 59	.5	1.6	.6 6	3		.3	. 2	. 3	j				1				ļ	1118	1118	908	
58/ 57	• 5	1.6		, 3			<del>, 3</del>		• 0				~				<del>                                     </del>	1126		972	
56/ 55	.5	1.3	• 6 • 6	. 0	4.5	. 5	. 3	. 3			. 1	1	1				i	1228	1228		
54/ 53	. 6	1.4		• 7			.4		• 0		<del>-</del> †		$\neg \neg$				1		1328		-
52/ 51	4	1.6		. 6	C.D	.6	. 3	.1	•	1 '	1	1	ſ				i	1360	1361	991	
50/ 49	, 3		1.1	.9	<u>.</u>	•6	- 3			<del> </del>							1	1518	1518		
48/ 47	.4	1.0	ĝ	1.1	. 8	.6	. 2					- 1	ı		<b>i</b> i		1	1474	1474		
46/ 45	.4	1.9				•6	- 1	•0									1	1656	1656		
44/ 43	3	1.7	1	. 9	. 8 . 7	.4	- î	, ,		1	1	}	- 1		1		1	1427	1427		4
42/ 41	- 4	1.7		1.1		, 2	-,0				<del></del> i		$\neg \neg$				1	1464	1464		••
40/ 39	.4	1.7		1.0	, G	.2	• •			ì	1	j	1				1	1495	1495	_	
38/ 37	.3		1.6	1,1	-4	•0				<del>                                     </del>		<del></del>						1325	1325		
36/ 35	.3	1.4		. 7	. 4	.0			ŀ								]	1096	1096		
34/ 33	.2	1.5		• 6	-,1												1	918	918		
32/ 31	. 2	1,3	1.0	. 4	, ì			i .	)			1			1		1	782	782	1312	
30/ 29	.1	1.1		. 3	<del></del>												1	653	054	944	-
28/ 27	. 1	. 7	.6	. 2	Ü			]		1 .		1	į				1	421	421	773	
26/ 25	• 1	. 5	.5	• 0														267	267	543	
24/ 23	.0	. 4	.3	.0				1	ļ	1						1		192	193	337	
22/ 21	.0		• 2	•0													1	128	128	234	ij
20/ 19	.0	. 3	1			1 1		Ì		Ì		1		1		1	1	103	103	159	
18/ 17	.0		, 1					T		<u> </u>								77	77		
16/ 15	.0		ō					}	]_	1				1	1		1	44	44		ŧ
Element (X)		Σχ²			Σχ		,	<b>*</b> 2		No. Ob	5.				Mean I	to, of t	ours wil	h Temperat			•
Rel. Hum.	I					$\neg \vdash$		l				± 0 F	-	32 F	≥ 67	:	2 73 F	≥ 80 F	z 93 l	F	1
Dry Bulb	1																				_
Wet Bulb	<u> </u>							Γ			1		$\neg \neg$		Ţ			T	T		-
Dew Point																			1		-

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 STATION NAME PAGE Z Temp WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wei Bulb Dew Poin 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 27 21 27 36 357 .0 10/ 9 46 75 49 8/ 6/ Õ/ -5 -6/ -8/ -9 -10/-11 TOTAL 6.632.523.614.610.1 6.6 3.7 1.8 25834 25833 25834 25830 No. Obs. 25827 2 x 1854452 Element (X) Meen No. of Hours with Temperature Rel Hum 142831326 71.819.355 : 32 F 2 47 F ≥ 73 F ≥ 80 F × 93 F 1240422 1131568 79.0 63568582 48.012.455 25833 Dry Buth 56.8 13.7 43.811.927 53239314 25834 133,0 13.9 744

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** ÄIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL. TOTAL Wet Bulb Dew Por 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 86/ 85 84/ 83 82/ 81 80/ 79 . 0 78/ 72/ 70/ 66/ 64/ 63 62/ 1331 1331 53 56/ 1236 1236 1028 1334 1334 1120 50/ 1439 1439 1370 48/ 47 46/ 1430 1430 1197 1197 40/ 38/ 36/ 35 34/ 32/ 31 30/ 29 • 3 28/ 75 26/ 22/ 79 20/ 19 Element (X) Rel. Hum. ± 0 F ≥ 80 F Dry Bulb Wet Bulb

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13821 STATION MAXWELL AFB ALABAMA/MONTGOMER -WET BULB TEMPERATURE DEPRESSION (F) D.B. W.B. 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 1 - 2 18/ 17 16/ 15 14/ 13 57 427 314 250 254 10/ 161 -10/-11 -12/-13 -16/-17 TOTAL 5.125.722.215.311.1 8.3 5.9 3.7 23478 23478 23482 Element (X) 1594925 67.920.746 50.912.036 45.711.147 23480 23478 118443675 Rel. Hum. ≤ 32 F 2 67 F 2 73 F ≥ 80 F 1194939 64218563 72.0 672 672 42.6 Dry Bulb 51911020 1072594 23482 80.8 Wet Bulb

Destructive statements - - -

DATA PROCESSING BRANCH USA' ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MUNTGUMERY PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) D.B. W.B. Dry Bulb 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 Wet Bulb Dew Pour 86/ 85 04/ 83 77 80/ 78/ 72/ 70/ , 1 64/ 1512 1513 62/ 60/ **Ś8** 56/ 50/ 48/ 40/ .0 35 38/ 36/ ತ 27 25 30/ 82 28/ 24/ 22/ 21 Element (X) Rel. Hum. ≤ 32 F Dry Bulb Wet Bulb 

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 20/ 19 18/ 17 271 204 16/ 128 12/ 10 6/ 0/ 4.121.519.114.311.3 9.3 7.4 5.5 4.0 2.1 24918 TUTAL 4974 24917 24909 0.26-5 Element (X) Mean No. of Hours with Temperature 24916 24974 ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F 66.021.376 57.111.565 1643880 Rel. Hum. 1425020 84651826 69,0 8.8 164.3 Dry Bulb 66681869 50.710.251 24917 26.2 45.1 744 Wet Bulb 1103461 53120621 24918 156.3

The second of the second secon

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONT TOMERY 37-41,43-72 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 94/ 93 92/ 91 90/ 88/ 86/ 80/ 78/ 76/ 70/ 97 68, 66/ .0 62/ 56/ 50/ 48/ 42/ 38/ 36/ 32/ 30/ 27 

267 F 273 F 280 F 293 F

The second secon

AFETAC FORM 0.

Rel. Hum. Dry Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 13821 MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME APR 37-41,43-72 PAGE 2 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. Dry Bulb Wet Bulb Dew Point Temp (F) 26/ 25 24/ 23 22/ 21 106 85 60 16/ 14/ 13 12/ 11 24830 2.417.317.613.710.6 8.7 TUTAL 7.7 7.0 6.2 4.4 2.8 1.1 24836 24830 24830 õ Element (X) Mean No. of Hours with Temperature 65.320.808 66.210.185 58.5 8.133 116656365 Rel Hum. 1621533 24827 267 F 273 F 280 F Total 1 353.9 198.1 2 123.6 5.5 111276981 1643075 1451350 Dry Buib 24836 720 720 720 24830

The state of the s

DATA FROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WENTHER SERVICE/HAC MAXWELL AFB ALABAMA/MONTGOMERY

STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) D.B. W.B. Dry Bulb Wet Bulb Dew Poin 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 98/ 97 96/ 95 .0 92/ 91 90/ 89 • 0 88/ 86/ 82/ 81 80/ 79 70/ 68/ 67 56/ 60/ . 1 .0 657 51 50/ 175 48/ 46/ 42/ 40/ 38/ 36/ 34/ Mean No. of Hours with Temperature Rel. Hum. ≥ 73 F ≥ 80 F Dry Bulb Wer Bulb

DATA PROCESSING BRANCH USAF ETAC ATR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/MUNTGOMERY
STATION NAME 37-41,43-72 PAGE 2 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp (F) D.B. W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 30/ 29 28/ 27 26/ 25 24/ 23 TUTAL 12 1.314.317.313.310.1 8.6 7.7 7.0 6.9 5.1 4.3 2.4 25714 25710 25710 25711 ತ 0.26.5 No. Obs. Element (X) Mean No. of Hours with Temperature 1683241 1897123 65,519,747 73,8 9,293 65,1 6,114 59,9 7,751 25710 25714 Rel Hum 120227387 267 F 273 F 280 F 293 F Total 142186133 585.6 395.1 212.8 Dry Bulb 8.7 107932934 25711 1673850 361.5 Wet Bulb 52.8 744 1541096 1.1 147.0

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/MUNTGOMERY PAGE 1 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 **→** 31 Wet Bulb Dew Poin 104/103 102/101 100/ 98/ 97 96/ 94/ 93 92/ 77 75 80/ 2058 2059 78/ 76/ 3842 70/ 1282 66/ 64/ 60/ 22 11 48/ 31 44/ 40/ 38/ Element (X) Mean No. of Hours with Temperature Rel. Hum. Dry Bulb Wet Bulb

THE PROPERTY OF THE PARTY OF TH

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC JUN MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 PAGE 2 TOTAL TOTAL
D.B. W.B. Dry Bulb Wer Bulb Dew Por Temp. WET BULB TEMPERATURE DEPRESSION (F) 36/ 35 TOTAL 24827 24824 24825 Mean No. of Hours with Temperature Element (X) No. Obs 267 F 273 F 280 F 293 F 697 • 0 583 • 4 336 • 5 45 • 69.218.131 79.7 7.976 1716972 126920084 24823 Rel Hum 159211946 1978544 24834 Dry Bulb 631.9 314.1 482.3 88.0 126891908 71.4 4.307 1771626 24825 5.2 720 Wet Bulb 1673674 67.4 5.347

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13821	_ MA	XWFL	L AF	B AL	NA (IA	WE.	<u>"TGO</u>	меяў		<u> 37 -</u>	4104	<u>3∞72</u>		YE	ARS					<u>J</u>	UL
																		PAGI	E 1	HOURS (	<u>l l</u>
Temp							BULB 1											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Solb	Wer Bulb	Dew Point
106/105	ļ												.0	l				1	1		
104/103												0	٠.٥		0	0		12	12		
100/ 99				!								• 0	.0	• 6	• 0			23	23		
98/ 97									•0	0	0			0	<del>0</del>			75 211	7.5		
93/ 95							.0	. 1	.4	. 1 . 8	• 4	.2	. 1	.0				579	211 579	i	ŀ
94/ 93						• 0	. 1	.5	1.2			.1	. 2	• 0	-1			919	919		
92/ 91					.0	1	. 5	1.5	1.6			ii	ŏ	, o				1216	1216		
90/ 89					•0	. 4	1.6	2.3		, 5	• 2	. 1	• 0					1,572	1572		
88/ 87				•0	2	1.6	2.4		- 5	3	. 1	0	0					1613	1613		
86/ 85			١,	.2 1.0	1,4 2,3	2.7		• 5	. 3	,1	• 1	•0						1704		1	
82/81	•0	•0	9 4	3,0	2.2	1.8 8	<u>• 6</u>	- 1			0	-0						1712 1885	1712 1885	103	-
80/ 79	.0			3.9	2.2	. 4	. 2	.1	.0	•0		1						2366		932	24
78/ 77	0			2.5		• 2		•0	_	_					_			2897	2897		293
76/ 75	. 2	6.0	6.0	1.3	-6 -4	.1	.0	•0							j			3554	3554	6084	
74/ 73	. 4	6.9	3.0	,7	,2 ,2	•0	• 0											2896	2897	6512	5522
72/ 71	5			, 3		.0	0											1565	1565	4702	7560
70/ 69	• 1	• 9	• 5	• 2	٠į	•0									- 1			446	446		4914
68/ 67	0				<u>.</u> 0	.0												150	150	791	2408
66/ 65	•0	• 1 • 0		•0	.0										]			54 26	54	363 187	1215
62/61		.0							-									11	26 11	75	410
60/ 59		, ,	•	•••											ļ			1 * 1	^ *	26	282
58/ 57																				10	
50/ 55																				- 3	80
54/ 53		ļ																		i	41
52/ 51										<b> </b>									<u> </u>		22
50/ 49	i																	1 1			14
48/ 47 TOTAL	1 2	20.0	21.4	13.4	QX	я 2	7.2	6.5	5.2	2 0	2.3	1.0	, 4						25488		25485
1:2142	* * *		r i 60	, .		2,53	106	رون	- • •	ء. ت	4.0	1.00	• **	• 5	• 1	•0		25487		25487	23403
																		2711		ليحب	
										L										i	
Element (X)		Z X1			ZX		X	· R		No. Ob	s.							Temperat			
Rel Hum		4401			<u> 8680</u>		73.3			254		201		32 F	≥ 67	<del></del>	73 F	≥ 80 F	2 93 F		Total
Dry Bulb		<u>6798</u>			<u> </u>	79	<u>80.9</u>	7.0	99	254					741		78.3				744
Wet Bulb		3852			8772		73.7		73	254							مَّ وَمِيْنِ				744
Dew Point	1	2714	7,17		7976	<u> </u>	70.	206	₽ OI	<u> </u>	85				658	2 اق	<u> ت 23</u>	<u> </u>	41		744

C FOLM G.26-5 (OLA) IENSED MENSO

SAFETAC POEM

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC ATR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MUNTGUMERY 37-41,43-70,72 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Por 104/103 .0 102/101 .0 100/ 99 72 72 97 211 95 • 0 481 481 94/ 93 935 1346 1,1 92/ 91 • 6 • 0 1346 90/ 89 1615 88 87 1593 1593 85 86/ 1692 1692 84/ 83 1663 1663 81 1811 85 2,8 80/ 889 .0 2270 2270 77 75 78/ 2729 31<u>0</u>6 76/ 3436 3436 2751 2751 5909 1746 5093 73 6459 72/ 70/ 71 1390 1370 4460 6985 69 549 2092 4627 1003 570 67 282 282 2366 66/ 65 135 43 22 64/ 63 .0 43 310 978 62/ 61 <u>677</u> 60/ 59 46 424 58/ 57 201 55 56/ 115 54/ 53 62 52/ 51 18 50/ 49 0.26-5 (OL A) TUTAL 1.320.120.012.8 9.1 8.3 7.4 6.6 5.7 4.3 2.4 25050 1.2 25049 . 1 .0 .0 50.49 25050 70 E Element (X) Rel. Hum. 139282178 1817858 25050 ≥67 F | ≥73 F | -80 F | ≥93 F Total 80.8 7.227 73.4 3.384 164970571 Dry Bulb 2024741 25049 737.9 672.0 374.2 135235351 1838603 Wet Bulb 25050 713.1 488.7 744 1756985

- --

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY MAXWELL APB ALABAMA/MONTGOMERY
STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Por 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 100/ 99 98/ 97 96/ 95 94/ 93 374 376 91 672 995 1157 1157 26/ 1392 1392 1479 1479 80/ 83 1837 1837 2004 2004 2794 2794 2721 4133 2750 2200 2204 4330 1817 1820 1306 1306 2552 3164 1046 63 717 1577 522 1164 359 181 359 • 1 153 153 374 882 67 67 266 130 41 41 48/ 51 298  $20\overline{8}$ .0 109 8Ó 40/ 60 36/ 35 Element (X) Mean No. of Hours with Temperature Dry Bu.b Wet Bulb

DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 37-72 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp (F) 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 2 31 D.B.W.B. Dry Bulb Wet Bulb Dew Point 1 9 20 2 1 9 3 12 7 10 0 8 1 7 3 6 1 5 5 4 0 2 5 1 3 6 2 0 0 0 25653 25655 TUTAL Element (X) No. Obs. Mean No. of Hours with Temperature 138803011 1827075 1954362 71.318.328 25641 25653 Rel Hum. 267 F 273 F 280 F 293 F 631.4 480.9 243.3 505.7 220.2 .6 Dry Buth 68.8 5.832 65.0 7.027 122419150 1765524 25645 Wet Bulb 720 109716552 1667694 25645

with the second second

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) Temp. D.B. W.B. Dr, Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 96/ 95 94/ 93 90/ 89 88/ 87 80/ 78/ 68/ 2312 2044 1196 1966 2105 48/ 40/ 37 51 32/ Mean No. of Hours with Temperature Element (X) Rel. Hum. Dry Bulb

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVIÇE/MAÇ **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/MONTGOMERY 37-72 DCT ALL HOURS (L. S. T.) PAGE 2 TOTAL Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B., W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 28/ 27 26/ 25 24/ 23 22/ 21 80 46 20/ 18/ 20 2.223.319.812.8 9.3 7.7 6.8 5.9 5.1 3.8 2.0 26471 26444 6444 26444 ಽ 0.26-5 #eon No. ...

F ×67 F ×73 F

1 375.7 216.3

1 63.6 27.0

1 4 Element (X) Mean No. of Hours with Temperature 1832247 69,320.095 1755437 66,310,429 1573143 59,5 8,360 26442 26471 Rel. Hum. ≥ 73 F ≥ 80 F ± 32 F 119291675 Dry Bulb 744 744 95433679 26444 Wet Bulb

N. Hos

1

man China to the property than the same of

DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY Nnv PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.S./W.B. Dry Bulb Wet Bulb Dew Poin (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | \* 31 86/ 85 84/ 83 82/ 81 80/ 78/ 73 76/ .0 . 1 • 1 72/ 70/ .0 68/ 66/ 62/ 60/ 58/ 1555 1359 . 1 56/ .0 1550 1508 52/ 1321 1547 1868 1322 1805 30/ 48/ 1260 1860 1416 1041 1603 1270 40/ 42/ 1000 1001 1469 1212 888 891 1428 1384 38/ 36/ 34/ 460 30/ 28/ 02 26/ .0 •0 22/ <u>20/</u> Element (X) Mean No. of Hours with Temperature USAFETAC Rel. Hum ≤ 32 F Dry Bulb Wet Bulb

Constitution of the same

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC MAXWELL AFB ALABAMA/MONTGOMERY PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 18/ 17 16/ 15 108 80 33 4.426.220.814.010.6 8.1 6.4 5633 5615 25616 25619 Element (X) 132835148 80955992 65245810 69.120.432 53.011.535 49.410.238 25612 25633 1768714 Rel. Hum. 1 32 F 267 F 273 F 280 F 293 F 1409868 Wet Bulb

A CONTRACTOR OF THE PROPERTY OF THE PARTY OF

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** ATR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 37-72 PAGE 1 Temp (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 84/ 83 82/ 81 80/ 79 78/ 72/ 70/ 68/ <u> 5ī9</u> 60/ 59 58/ 1408 1409 52/ 1747 1747 1858 1858 1683 1684 40/ • 0 790 790 32/ , 3 25 23 20/ Element (X) Mean No. of Hours with Temperature Rel. Hum. Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY MAXWELL AFB ALABAMA/MONTGOMERY 37-72 DEC € HOURS (L. S. T.) TOTAL D.B. W.B. WET BULB TEMPERATURE DEPRESSION (F) TOTAL ŧ (F) 1 . 2 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | \* 31 Wet Bulb Dew Poin 379 16/ 15 0 191 €. 147 56 12/ 11 . 0 .0 10/ .0 60 € .4 3 • .0 / -2/ -6/ -7 11 C -8/ -9 -12/-13 TÜTAL 7.331.222.614.610.4 7.1 4.0 1.9 26428 26423 26423 0.26-5 Element (X) No. Obs. Mean No. of Hours with Temperature 72.119.445 49.111.296 44.710.716 26422 26428 Ret. Hum. 905002 ≤ 32 F ≥ 67 F ≥ 73 F 51.5 12.3 66963516 1296376 49.2 Dry Bulb 10.8 35869770 Wet Bulb 1181558 26423 91.6 744 Dew Point

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

STATION STATION NAME

PAGE 1 0000-0200 HOURS (L. S. T.)

										0000											L. S. T.)
Temp. (F)	0									DEPRE			02 04	05 04	27 - 28	20 20	. 21	TOTAL	D BIL	TOTAL	Dew Point
		1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	\$ 31	0.00, 4.0.	DIY BUIS	MET DUID	Dew Foint
72/ 71		• 0	.2							ł					- 1			0	6		ا ا
70/ 69		. 5	• 5						<u> </u>	ļ								23	23	3	3
68/ 67	• 0		71.4	• 1	• j		•0	1	l	l .	ļ				- 1		İ	58	58	28	14
66/ 65	.0	10 (	9 4	- 1			ļ		<u> </u>									72	72	59	37 74
64/ 63	• 1		4 6	, 2			l								- 1			73	73	65	74
62/61	. 4		• 0	• 2					ļ	<u> </u>								105	105		82
60/ 59	• 1		013	• 2	_		•		l	l					- 1			126	126		95
58/ 57	• 7	2.0	• 4	• 1	-1													125	125		104
56/ 55	. 8		91.6	• 2	• 1				į .	[					-	i		117	117	124	129
54/ 53	,8	1.9	• 8	• 7	, 2		-0	<u> </u>	<b>!</b>	ļ								142	142		
52/ 51	• 7		1.2	, 4		• 1		İ		l					- 1			143	143		102
50/ 49	5				, 3	•0	<u> </u>			<u> </u>								134	134	139	99
48/ 47	• 6			, 6	.4	,	ļ	1	l	l	l				i		l	139	1,39	145	
46/ 45	,4				.2			<u> </u>	<u> </u>	<u> </u>							ļ	207	207	125	131
44/ 43	• 4		2,1	,7	• Ì	• 1		l	Į	l								201	201	155	
42/ 41	, 4		2.4					ļ	ļ	ļ	<u> </u>						ļ	199	199		138
40/ 39	.6	3.1	2,9	. 8	, 1 3	•0			1	1	ł						ŀ	242	242		156
38/ 37	. 4		2.8			•0		ļ		<u> </u>								242	242	219	
36/ 35	, 5	2.6			• 1	l	l	l		ł	1						]	207	207	221	183
34/ 33	, 3			• 9			<u> </u>		ļ	<del> </del>								172	172		
32/ 31	• 1		1.7	• 4		l	[		ĺ	-	[				l		l	140	140		
30/ 29	]	2.0	1.6	• 2		ļ	ļ	<u> </u>	<u> </u>	<u> </u>	ļ						ļ	133	133	149	
28/ 27	• 1 • Ó	1.0	, 8 , 5	• 1		1			l	1								64	64		
26/ 25		`,6	.5			<u> </u>	ļ			<del> </del>				<u> </u>			ļ	36	36		
24/ 23	•0		, 6 , 2			l	1			İ	1		l					31	31		
22/ 21	•0	, 5	,2				ļ			<b>↓</b>	<u> </u>							24	24		
20/ 19	•0	, 4 , 5	, l i						ł		Ì							16	16		
18/ 17			1			ļ		ļ	<u> </u>	<del> </del>					<b> </b>		<b> </b> -	18	18		60
16/ 15		, 1	, 0				ļ			1								5	5	ļ į3	55
14/ 13		1						<u> </u>		<u> </u>								3	3	- 6	32
12/ 11		ا, ا	•0		1			1	ŀ									5	5	5	
10/ 9		12			l	<u></u>	<u> </u>			<u> </u>			<u> </u>					5	5	5	21
8/ 7		1			1		1													4	17
6/ 5		L	Щ.		L	<u> </u>	<u></u>		<u> </u>	<u> </u>	<u> </u>		<u> </u>				<u> </u>			<u> </u>	5
Element (X)		Σχ²			Σχ		X	· *		No. Ol	»s.						ours wit	h Temperat			
Ret. Hum.								ļ	_			≤ 0 1	F   -	1 32 F	≥ 67	F 2	73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb						_		<u> </u>	_ _									<u> </u>			
Wet Bulb	<u> </u>							L								$\perp \mid \perp$				_ _	
Dew Point						l		<u> </u>										<u> </u>			

ETAC FORM 0.5

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 PAGE 2 0000-0200 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 ≥ 31 4/ 3 0/ -1 -2/ -3 -4/ -5 -8/ -9 TÜŤÁL 8.947.830.210.0 2.6 3213 3213 3213 3213 C Element (X) Mean No. of Hours with Temperature 21220991 80.014.347 257019 3213 Rel. Hum. ≥ 67 F ≥ 73 F 1 32 F 142439 134390 44.311.620 41.811.960 13,9 6748293 3213 Dry Bulb 3213 21.8 6080596 Wet Bulb 122942 38,314,251 des de la constante de la cons

A CONTRACTOR OF THE PROPERTY O

DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MUNTGOHERY 37-41,43-72 0300-0500 PAGE 1 Temp. TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 72/ 70/ 69 68/ 66/ 65 62/ 61 60/ 121 92 131 93 50/ 52/ 50/ 49 10ô 48/ 40/ 3Ò/ ŽOÓ 28/ 1 Ĩ 7 42 20/ 28 18/ 10/ 12/ 10/ 8/ 6/ Element (X) Rel. Hum. ≥67 F ≥ 73 F ≥ 80 F Wet Bulb Dew Point

Secretary Statement Co.

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** ATR WEATHER SERVICE/MAC 13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 <u>JAN</u> PAGE 2 TOTAL TOTAL
D.B./W.B. Dry Bulu Wet Bulb Dew Point Temp (F) WET BULB TEMPERATURE DEPRESSION (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 07 -8/ -9 13.054.624.5 0.3 3222 3223 3221 3223 õ 0.26.5 No. Obs. Mean No. of Hours with Temperature 266131 137852 22543601 3223 Rel Hum ⊴ 32 F 267 F 273 F 280 F 293 F 42.812.030 Dry Bulb 6364112 3222 19.2 1.5 5031692 131232 3223 26,4 93 Wet Bulb 37.014.277 93

明大学 DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MUNTGOMERY
STATION NAME 37-41,43-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew .0 70/ 68/ 62/ 57 55 ġ0 60/ 58/ 56/ 50/ 48/ 46/ 40, 229 38/ 36/ 112 76 54 30/ 26/ 22/ 18/ 16/ 14/ 16/ Mean No. of Hours with Temperature Element (X) Rel. Hum. ± 32 F 2 80 F Dry Bulb

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 0600=0800 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B.-W.B. Dry Bulb Wer Bulb Dew Poin 6/ .1 2/ 0/ -2/ ~5 -6/ -8/ -9 -10/-11 -12/-13 11.454.425.9 0.9 1.4 3235 3236 3236 3234 0.26.5 Ho. Obs. Element (X) Mean No. of Hours with Temperature 22358958 265454 82.113.353 42.612.265 3235 Rel Hum ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F 137811 6357275 20.0 3235 Dry Bulb 93 5803757 40.512.471 3236 93 Wet Bulb 1.0 5178834 120696 37.314.468 3236 37.6 93

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** ATR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY
STATION MAME JAN PAGE 1 TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) D.B. W.B. Dry Bulb Wet Bulb Dew Poin (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 52 78 99 03 98 57 • 1 118 150 159 50/ 49 48/ 47 46/ 45 38/ 37 36/ 50 27 30/ 28/ 59 20/ 18/ 16/ ≤ 0 F Dry Bulb Wet Bulb Dew Point

A SAME THE STATE OF THE SAME O

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/MONTGOMERY 0900-1100 HOURS (L. S. T.) PAGE 2 | WET BULB TEMPERATURE DEPRESSION (F) | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL 18 -2/ =6/ -8/ -10/-11 4,424.226.023.114.2 5.7 1.7 3238 3238 3238 3238 Mean No. of Hours with Temperature
≥67 F ≥73 F ≥80 F Element (X) No. Obs. 16800514 8070426 6753757 225982 157112 142869 69.817.830 48.511.753 3238 Rel. Hum. ≤ 32 F 93 -3238 6,7 Dry Bulb 3238

The second secon

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 1200-1400 HOURS (L. S. T.) PAGE 1 Temp (F) WET BULB TEMPERATURE DEPRESSION (₹) 9 - 10 11 - 12 12 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 Dry Bulb Wet Bulb Dew Poin 82/ 81 80/ 79 78/ 77 76/ 75 74/72/ 70/ 68/ 129 126 66/ 60/ 55 58/ 220 19 19 27 30/ Ž8/ 21 19 22/ 20/ 18/ Mean No. of Hours with Temperature Element (X) Rel. Hum ≤ 0 F Dry Bulb Wet Bulb

And the second s

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 3 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb Wet Bulb Dew Poin 60 27 22 10/ 3236 2.213.212.415.018.817.512.9 6.2 1.6 TOTAL 3237 3236 3236 FORM ME 64 Element (X) 189495 12453779 Re! Hum. 58.620.437 3234 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 10 F ≤ 32 F 54,411,719 47,311,111 7,9 17.0 10036172 176206 3237 Dry Bulb 7640209 153073 3236 Wet Bulb

and the second section of the second

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13821	MAXWELL AFB ALABAMA/MON'I GOMERY	37=41,43=72		JAN MONTH
		ı	PAGE 1	1500-1700

Temp.						WET	BUI B	FUPER	ATUR	F DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8							21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 + 31		Dry Bulb		Dew Point
82/ 81							• 1		1.5	1	<u> </u>	1			-	-	1	2	2		
80/ 79			1	\ \ \ \ \		0	, ã	, 2		1	ì	}	}	1		ì	}	16	16		1
78/ 77			f	• 1	. a	• 2		• 2				<del>                                     </del>	<b></b> -		<del> </del>	<del>                                     </del>		25	25		
76/ 75		.0		1	D.	. 8	. 4	. 2		7	1						1	58	58		
74/ 73			. 1	• 4	. 8	• 8	. 5			d	1	1				1	1	88	88	1	
72/ 71	• 0	. 2	. 4	.7	Sign	. 6		. 2			al	ļ		ļ	1	1		113	113		2
70/ 69		.4	, 8	• 7	9	• 8	.6	• 3	•	2		i		i				149	149	26	
68/ 67		.4		• 5	. 6	. 7	. 4	. 5		1 .	1	<u>l</u>		<u> </u>	<u> </u>	<u> </u>		120	120	76	
66/ 65	• 1	9	9.4	•6	6.4	9	. 6		•	2 .	2		Ĭ					155	155	144	43
64/ 63		, 4		• 5		. 4	. , 9	,6		4	ol	<u></u>		<u> </u>		<u> </u>		127	129	127	
62/ 61	• 1	1.0		- 5	0.6	1.1	• 9		•	3 .	1	1		l	1	Ì	1	170	170		
60/ 59	, 2	1.0	• 3	. 3	.6	<u>, 9</u>	, B			4 .	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>		181	181	129	
58/ 57	•2 •3	1.1		• 6	, 9	, 9	. 8	•7	1 •	2			Ì	l				178	178	149	
56/ 55		.6	. 4	• 8	1.0			101			ļ	<del>  </del>	ļ	<u> </u>	<u> </u>	ļ	-	224	224	128	
54/ 53	.2			, 5		1.0	1.4			q	1			1				216	216		
52/ 51	,2		1.0	.6		1.6	يعب	• 4	1		ļ	<del> </del>	<u> </u>	<del> </del>	<u> </u>	<del> </del>		226	226	182	
50/ 49	.2	1.0	• 8	1.1	1.0	1.07	1.0				1	1		l		l	1	218	218		
48/ 47		. 9		• 9	400	104	16		<del></del>		┼—	<del> </del>	<del> </del> -	<del> </del>	<del> </del>			187	187	208	
46/ 45	• 2		• B	1.0		1,4	• 4		1	}							1	189	189		
44/ 43	• 0			• 6		• 7		<del></del>	├	-	<del></del>	<del> </del>	<del></del>			<del> </del>	- <del> </del> -	130		<del></del>	136
42/ 41	, 2			• 7		•7	•1	1			4	4		ļ	İ	1	1	140	140	237	
38/ 37	•1		- 3	• 7		_				+-		1		<del> </del>	┼	<del> </del>		63	63		
36/ 35	3	Ž	, 3 , 3	. 3		• 1			ĺ		1	1				İ		51	51	149	
34/ 33	.0			,2		•0	<del> </del>		╁	+-	┪	<del>                                     </del>		-	<del> </del> -	├──		27	27	<del></del>	132
32/ 31	.0			,3	, 2	•	1					ŀ	1	į	1			24			
30/ 29	,1				-,0				<del>                                     </del>	+-	<del>                                     </del>	1	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	$\vdash$	<del></del>	21	21		
28/ 27	l .č		1 .2	. 2			1	1	1	1	1	1	1	1			1	20			
26/ 25	1 23	.0		, 2			l	l	T	1-	1		1	$\vdash$	1	1	1	14		<del></del>	
24/ 23		1	1	, 1				1	1	1			1			1	1	6	١.	5.0	
22/ 21	t	• 1	-				<del>                                     </del>	i —	T-	1	1	1	1		1	1		4	4	13	
20/ 19		, , ,								1								<u> </u>			92
18/ 17	1	Ī						l		T		1								3	
16/ 15		<u> </u>				<u> </u>	<u></u>		<u> </u>				<u> </u>		<u> </u>	1		<u></u>			75
Element (X)		Σχ'			Σχ		X	٠,		No.	bs.				Mean	No. of	Hours wi	th Tempera	ture		
Ret. Hum.												± 0	F	≤ 32 F	26	7 F	≥ 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb																					
Wet Bulb				L											<u> </u>					_	
Dew Point	<u> </u>					L_		L				L									

FOFM 0.26-5 (OL A) PENSED

JSAFETAC POP

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 STATION NAME 1500-1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. 1/1/19 Bulb | Wet Bulb | Dew Point Temp (F) 60 10/ 30 6/ 2/ 0/ -2/ TÜTAL 2.614.211.813.516.718.712.7 3236 3236 X 7 58,521,215 54,711,326 47,510,828 Element (X) No. Obs. Mean No. of Hours with Temperature 189133 3233 -3236 12519025 Rel. Hum. ≥ 67 F ≥ 73 F 10114128 7687253 177162 193781 Dry Bulb 2,6 .3236 93

die sadding Killed bei der te fegeneralisen in F

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 13821 MAXWELL AFB ALABAMA/MONTGOMERY

#### **PSYCHROMETRIC SUMMARY**

1800=2000 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 D.B. W.B. Dry Bulb Wet Bulb Dew Point 70/ 66/ 6Ó/ 55 53 48/ 46/ 35 36/ 30/ 29 28/ 27 20/ 16/ 10/ Element (X) Mean No. of Hours with Temperature ≥ 93 F Dry Bulb

, 0.26-5 (OLA) tenstontent

εγετας κ

Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVIÇE/MAC

MAXWELL AFB ALABAMA/MONTGOMERY

13821

### **PSYCHROMETRIC SUMMARY**

	STATION				5	TATION N	AME					1 6 6 7			YE	ARS					MO	NTH
																			PΛG	E 2	1800 HOURS (	<u>- 2</u>
	Temp.						WET	BULB 1	TEMPER	RATUR	DEPRE	SSION (	F)						TOTAL		TOTAL	
ı	(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	De
	6/ 5 4/ 3																					
1	2/ 1 0/ -1																					
=	4/ -5 6/ -7																					
	TAL	4,4	19.4	23.6	24.3	17,5	8.0	2.2	.5										3231	3231	3231	3
			<u> </u>			<u> </u>					ļ								<u> </u>			_
L			<u></u>	ļ		<u> </u>	<u> </u>				<u> </u>							<u> </u>		<u> </u>	ļ	_
_							<u> </u>				<del> </del>							<u> </u>	<u> </u>	<u> </u>	-	L
_							ļ	<u> </u>			-									<u> </u>	<del> </del>	Ļ
-				<u> </u>		<u> </u>	<del> </del>	<u> </u>		<del> </del>	<u> </u>				<u> </u>						<del> </del>	L
-			ļ					-		<del> </del>	╂—								<u> </u>	<del> </del>	├	$\vdash$
-				├-		-	├	-			-							-	<u> </u>	<del>                                     </del>		$\vdash$
-				-		<del> </del>					-								ļ.—.	<del> </del>	<del> </del>	$\vdash$
-		<del></del>		-	-		<del> </del>			$\vdash$	-									<del> </del>	<del> </del>	$\vdash$
-					-	<del> </del>	$\vdash$	<del>                                     </del>	<del> </del> -	-	+	<del> </del>						<del> </del>	<del> </del> -	-	<del> </del>	$\vdash$
-		<del></del>	<del> </del>		<u> </u>	<del>                                     </del>	<del>                                     </del>	<del> </del>		<del> </del>	<del> </del>							<u> </u>		<del> </del>	<del>                                     </del>	H
-							1			$\vdash$	1									<del> </del>		<u> </u>
E	ement (X)		ZX2	<u></u>	<del> </del>	z <sub>x</sub>	┺┯	'X	·,	<del>'</del> —	No. O	bs.	<b></b>	L	J	Meon I	No. of H	ours wi	th Tempera	ture		
_	I. Hum.			8006		2199	774	68.1	18.0	)44	32	231	101	F	≤ 32 F	≥ 67	F	73 F	≥ 80 F	≥ 93	F	Tot
<b>5</b> —	y Bulb		846	1026	1	1619	34	30.0	10.9	19	32	31		_	4.8		.2	, 2		1		
-	Bulb		698	620	:1	1459	127	45.2	11.0	163	32	231		-	11.5		,2	• (	1	_		_
·	w Point			4039			135	30 1	12 2	1 E Z.	- 3	231		<del>-, </del> -	32.3	<del></del>	·5		<del></del>			

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13821 TATION	- 114	AILCE	<u> </u>	57	TATION N	AME	1100	DMERY		3 / 4	7,34	3 <u>-72</u>		YE	ARS				—	J	į
																		PAG	E 1	2100 HOURS	1
Temp.						WET	BULB	TEMPER	RATURE	DEPRE	SSION (	F)			•			TOTAL		TOTAL	٠
(F)	0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 • 26	27 - 28	29 - 30	× 31	D.B. W.B.	Dry Bulb		
72/ 71			• 1					1	1									3	3		
70/ 69		. 5	.7		,0			<u> </u>	<u> </u>	ļ								44	44	2	
68/ 67	.0	1.4	1.0					1							- 1	1		89	89		
64/ 63	;ŭ		9.8	•2	- 9 3	•0		<del> </del>										70	70	<del></del>	
62/ 61	i		1,4	4	, l	.0												103	103	47	
60/ 59	- 9	1.7	1.0	- 4	• •	• •		<del> </del>	<del> </del>	<del>                                     </del>								134	134	116	
58/ 57	- 4	1.6		. 3	3	. 1	• (	<b>.</b> c	1									117	137		
56/ 55	, 3	1.4			.5	. 2	• ]	<del></del>										145	145		
54/ 53	. 9	1.5		9	. 3	. 2	j						_					159	159		
52/ 51	,4	1.4	1.4	• 9		• 2										<u> </u>		146	146		
50/ 49				• 7			_ • 0											175	175	146	
48/ 47	, 6	2.0	103	1.5		• 2	• 0	¥	ļ				ł					210	210		
44/ 43	<u>,3</u>		2.6			•2		<del> </del>										238	238	158	
42/ 41	. 2			1.3 2.1	1.1	.1		i										212	212	180	
40/ 39	.2		2.8	2.0	- 16	**		-		<del>                                     </del>								226	226	230	
38/ 37		1.7	2.0	ī.i	.6	• 0												253 175	253 175	213	
36/ 35	ξ,		2.1	, 9	.2			1	<del>                                     </del>				$\neg \neg$					144	144	268	
34/ 33	. 1	1.0	1.6	.9	2											J		122	122	166	
32/ 31	, 2		1,9	,6														118	118	153	j
30/ 29	• 1	.6	1,2	. 3	. 1			<u> </u>										73	73	147	
28/ 27 26/ 25	. 1	.3	. 6	• 1				Į.					İ		- 1			33	33	101	
24/ 23	<del>* 4</del>	• 1	- 4	•0				├										27	27	56	
22/ 21		ź	. 4 . 2	ď		- 1												18	18	28 38	,
20/ 19			. 2					<del> </del>					$\overline{}$		_			16 16	16 16	14	
18/ 17		. 3 . 1	.2			- 1												10	10	18	
16/ 15		+ 1	, 1															5	5	10	•
14/ 13		• 1	]					<u> </u>										2	2	-	
12/ 11		• 1									1							2	2	4	
8/ 7								<del> </del>												2	
6/ 5				1				!			ļ				j						
Element (X)		Σχ²			ξχ	<del></del> -	X	•2	<del>'</del>	No. Ob	. T				Meon No	o of Ha	ura wish	Temperat	u/ 0		
Rel. Hum.						<u> </u>	<del></del> -	<del>                                     </del>	_			± 0 F	1	32 F	≥ 67 1		73 F	≥ 80 F	≥ 93 1	-	
Dry Bulb																_			1	$\neg$	
Wet Bulb			]																		
Dew Point						1		1	1					. 7							•

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY 13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 STATION NAME 2100-2300 HOURS (c. s. T.) PAGE 2 TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point Temp. WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 0/ -1 -4/ -5 -6/ -7 5.832.634.117.7 7.7 1.9 3221 3221 3221 3221 0.26.5 (OL Z<sub>X</sub> 241274 150306 No. Obs. Mean No. of Hours with Temperature 74,916,037 18906450 3220 3221 ≥ 67 F ≥ 73 F 3.9 Dry Bulb 7417148 9.2 93 6455849 139327 -3221 16.6 Wet Bulb

#### **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 FEB
STATION STATION NAME YEARS PAGE 1 0000-0200
HOURS (L. S. T. )

Temp. (F)																					
			<sub>Y</sub>								SSION (							TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.8. W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71	- 1	• q	• 3	• 9			1			İ							1	11	11		
70/ 69		. 5	4	l														27	27	3	
68/ 67	•q	1.9	.5	• 1		- 1					i						1	46	46	31	16 36
66/ 65	<u>, q</u>	1.5		• 1													<u> </u>	58	58	50	36
64/ 63	.1	2.2	• 0	.2	• 1 • 2	• 1	!										1	73	73	55	62
62/ 61				.3	. 2													114	_114	75	56
60/ 59	• 4	2.9	1.0	.2	, 2 2	• 1	Į											136	136		98
58/ 57	. 8	2.5	1.4	• 2	. 2													156	156	145	103
56/ 55	.6	2.0	• 9	• 7		• 1												138	138	123	112
54/ 53		1.8	<u> 1.i</u>	8		• 2	-0				ļ							146	146	129	_117
52/ 51	• 6	2.2	1.3	1.1	. 6	• 2					l							172	172	118	112
50/ 49	- 4	2.3	1.6	1.1	-6		•0					<b> </b>		<u> </u>			<u> </u>	179	179	152	114
48/ 47	.6 .7	1.9	1,0	1.0	.3 7	• 1			ĺ								l	160	160	150	
46/ 45		2.0	2.0	1.7		1					<b> </b>						<u> </u>	215	215	182	130
44/ 43	.5	2.5	1.9	1.2	413.4.2	• 1					1							198	198	175	125
42/ 41		2.3	2.9	1,4	_ 2	•0				<u> </u>	<b> </b>						<b>!</b>	503	203	190	
40/ 39	• 4	2.3	2.5	1.4	• 3	• 0						1		1	<b>i</b> .			209	209	215	154
38/ 37	.3	1.9				<u>•0</u>				<u> </u>	<b>_</b>			<u> </u>				165	165	204	
36/ 35 34/ 33	.2 .1	1.2		• 5										i				130	130	206 159	
32/ 31		1 1	1.7	-6 •7	.0		[				<b> </b>		<del> </del>				<del> </del>	111	<u></u>	127	165
30/ 29	•9	1.1	1.3	?						l	l				Į l			72	74 72	85	
28/ 27	•0	- 6	1,0							<del> </del> -		<del> </del>	<del> </del>					50	50		
26/ 25	' '	.6		, 1 , 2				ľ			•		1					38	38	78	99
24/ 23		• 1	, 3									<del> </del>	<del>                                     </del>	<del> </del>			1	14	14	44	86
22/ 21	j	i	, ī											]				9	• 9	26	59
20/ 19		,1												<del> </del>	<del>                                     </del>		<del>                                     </del>	7	7	16	
18/ 17	ļ	. 1	. 1 0										l					ازة ا	3	8	
16/ 15	$\neg \neg$	• 1																2	2	5	
14/ 13		i																2	. 2	3	40
12/ 11										Г —	i	·								2	
10/ 9																					12
8/ 7																					10
6/ 5									<u> </u>			L	L							L	11
Element (X)		Σχ'			ž x	_ _	X	<b>₹</b>		No. Ol	·s.							h Temperat			
Rel Hum												± 0	F	≤ 32 F	≥ 67	F i	73 F	≥ 80 F	× 93	<u> </u>	Total
Dry Bulb									_							_ _		ļ			
Wer Bulb													_			_ _		<u> </u>	-		<del></del>
Dew Point								L			1							<u> </u>			

SAFETAC FORM

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 -0000-0200 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Poin 4/2/ 0/ -1 -2/ -3 TUTAL 7.038.532.415.3 5.3 1.3 2938 2938 2938 2938 77.215.388 46.610.773 43.311.147 Element (X) zx' 18189037 No. Obs. Mean No. of Hours with Temperature 226707 2938 ≥ 93 F ≥ 80 F ± 0 F ± 32 F 2 67 F 136898 2938 6719722 8,3 Dry Bulb 84 5928820 127854 2938 84 115881

(李禄音

The state of the s

# PSYCHROMETRIC SUMMARY

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

STATION NAME

PAGE 1 0300-0500

HOURS (L. S. T.)

																			···	HOURS (	
Temp											SSION (		,					TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	· 31	D.B. W.B.	Dry Bulb	Wer Bulb	Dew Point
72/ 71	į	.0	• 1								ļ							3	3		j
70/ 69	0	د و	• 1							l		İ						14			
68/ 67		1.1		• 0						i								39	39	16	
66/ 65		1,7	.0															50		48	
64/ 63	. 3		, 5		. 1	• 0												70	70	65	71
62/61	3			• 1														89			
60/ 59	. 5	3.0	• 9	• 2						i	l	1		i				148	148	118	104
58/ 57	, 8				Ō													115			106
56/ 55	• 9	1.7	.7	• 3	.2								Ì					113			
54/ 53	8		.0	. 2	, 2	•0	0						L					109	109	100	
52/ 51	• 5			• 6	• 1													141	141	92	99
50/ 49	, 9		1.3	_ • 8		•0			l				L					181	181	137	103
48/ 47	. 6		1,5	1.0	.2	•0						i						165	165	150	109
46/ 45	.6	3.1	1.8	. 9							<u> </u>							198	198	158	124
44/ 43	. 6			1.0		•0												187	187	175	153
42/ 41	3			. 8							<u> </u>							176			129
40/ 39	, 5	2.7		• 9			l	i .	l	J	l		ļ		] ]		1	215		191	157
38/ 37	. 5			6	• 1						<u> </u>							210	210		130
36/ 35	, 5			• 6		.0							i					184			195
34/ 33	2	1.8	1.6	• 3														120		201	162
32/ 31	, 2		1.4	, 3		]					1				1			105		134	168
30/ 29	1			• 5						<u> </u>	<u> </u>	<u> </u>			1			99	<del></del>		
28/ 27	• 2		1.2	• 1	]			l .	l	j			j		J		l	78	,		130
26/ 25	0								<u> </u>		<u> </u>							42			99 97
24/ 23		•7	0.4	•0									i		İ			38			
22/ 21		. 3								<u> </u>		<u> </u>						22	22	36	62
20/ 19		• 1	•0							l		1	1					5	_	23	42
18/ 17		. 2							<u> </u>	<u> </u>	<u> </u>		L					10	10		58
16/ 15		• }	• 1															4	4	8	
14/ 13		-1	<b></b>					L		<u> </u>			<u> </u>	<u> </u>				2	2	7	32
12/ 11	j	• 1								1			İ					2	2	4	35
10/ 9									<u> </u>	<u> </u>									<u> </u>	<u> </u>	18
8/ 7			]							l		1								•	17
6/ 5		Ļ	L			ــــــــــــــــــــــــــــــــــــــ			Ц,	L	L.,	<u> </u>	L	L	لــــا		L	<u> </u>	<u></u>	L	12
Element (X)		Z <sub>X</sub> 2			ZX		<u>x</u>	<b>₹</b>		No. OL	·s.							h Tempera			
Rel Hum.								<del> </del>				€ 0	F	: 32 F	≥ 67	F   2	73 F	≥ 80 F	2 93	F	Total
Dry Bulb								<u> </u>	— <u> </u> -									ļ	_		
Wet Bulb																		ļ	_		
Dew Point						L_									<u> </u>			<u> </u>			

SAFETAC PO

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** ATR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGORERY PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 - 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | x 31 | D.B. W.B. Dry Bulb | Wer Bulb | Dew Point 4/2/ -2/ -3 9.848.628.9 9.3 3.0 2934 2933 2934 293 0.26-5 (OL A) No. Obs. Mean No. of Hours with Temperature 80,614,510 44,711,139 42,311,534 19655654 2933 = 32 5 6233314 5633002 2934 2934 84 84

(日本)をおけることが、からない。

DATA PRICESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13821 MAXWELL ARB ALABAMA/MONTGOMERY
STATION MAKE

Patronia a salah da kalanda

#### **PSYCHROMETRIC SUMMARY**

0600-0800 PAGE 1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 D.B. W.B. Dry Bulb Wet Bulb Dew Point 72/ 71 70/ 69 / 65 • 0 57 58/ 56/ 49 98 50/ 207 38/ 36/ 29 21 20/ 18/ 16/ 12/ , I Mean No. of Hours with Temperature Element (X) Rel. Hum. # 0 F Dry Bulb Wet Bulb

37-41,43-72

FOUM 0.26-5 (OL. A) INVISIONENDUS EDITIONS OF THIS FORM ARE DISCUE

FETAC FORM

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAG MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 0000-0800 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 (F) 0/ -6/ -8/ -9 TUTAL 9.046.428.711.8 3.4 2935 Ŧ. 2934 ğ Zx<sup>1</sup> 19161950 233132 2935 ≥ 67 F = 73 F > 80 F 44.811.344 Dry Bulb 6260990 131386 2934 17.6 2.0 Wet Bulb 5614883 123737 2935

1000000

4 3."

an income Charles in the same of the

-American the state of the DATA PROCESSING BRANCH USĀF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC STATION HAXWELL AFB ALABAMA/HONTGOMERY 37-41,43-72 0900-1100 TOTAL Temp. WET BULE TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 80/ 79 78/ 76/ 72/ 70/ 93 68/ 66/ 102 62/ 60/ 53 56/ 54/ 52/ 50/ 48/ 37 40/ 38/ 33 31 29 27 25 36/ 32/ 30/ 28/ ব 21 ತ 22/ 20/ 18/ 16/ Element (X) Mean No. of Hours with Temperature

= 0 F

■ CO F

≥ 93 F

Total

SAFETAC FORM

Rel. Hum.

Dry Bulb

- Charles of the Property of the Comments of

# PSYCHROMETRIC SUMMARY

13821	MA	VACE	L AF	51	ABAM	ME ME	NTGD	nga Y		2/-	7134	3-72		YE	ARS			<del></del>		MO	E
																		PAG	E 2	0900 HOURS (	<b>∞</b> ]
Temp.						WET	PULB	EMPER	RATURE	DEPRE	SSION	F)		··				TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 · 28	29 - 30	<b>231</b>	D.B. W.B.	Dry Bulb	Wet Bulb	De
12/ 11									i									i			Γ
110/ 9														] ]							
8/ 7																					Π
6/ 5							1							]							L
4/ 3																					Π
2/ 1																		<u> </u>			
0/ -1										i i				1 1							1
-2/ -3														!			ļ				乚
-4/ -5							1		1								i	1			
-6/ -7																	ļ				<u> </u>
-16/-17				<b>.</b>														1			İ.
TOTAL	3,0	13.3	6706	27.4	10.3	1100	5.5	2.2	, (	. 1				I			<u> </u>	4000	2935	2022	2
														1				2935		2937	
							<del> </del>		ļ	<del> </del>		ļ									├
										ľ								<u> </u>			
					<del> </del>		<del> </del>			ļ				<del>- </del>				<del> </del>			-
1		į '					1	İ	ì			1		}			1	\			1
<del> </del>					-		+		<del> </del>				<del>                                     </del>								╌
					1							İ									1
					<del></del>		1	<b></b>	1	<del></del>				<del>                                     </del>				<del>                                     </del>			-
							1							1							
					l —		<del> </del>		<u> </u>	1							<del> </del>				1
													ļ	1				1			
					1		1		1	1		i	1								1
							İ														
							1	$\Box$				Ī									Π
[]							<u> </u>			<u> </u>							<u> </u>				L
		_	l _																		1
L		٠.	<u> </u>		<u> </u>				<u> </u>	<u> </u>		<u> </u>		1			۱ <u> </u>	1			Ļ
•				}		1		İ					1				ĺ	1			
					<u> </u>		<del> </del>		<b>├</b>	ļ		<u> </u>									╀-
						l															
50 (25)		7.41	<u> </u>		ZX	┖~~	<u> </u>		┸┯╾	No. Oh		<u> </u>	<u> </u>		Hans	15 6611		h Tamas	<u></u>	<u></u>	1
Element (X)		2x'	7427		1901	05	54.7	18.9	122	29		± 0	e	≤ 32 F	Mean 1		73 F	h Tempera	2 93	<u> </u>	Tol
Dry Bulb		828	4830	<del> </del>	1324	72	51,9	11.1	38	29	35	_ = 0		3,3		•2	2.5			<del>-  </del>	101
Wei Bulb			6746		1359	74	46.3	10.9	43		37			8,8		:5		<del>' '</del>	∸	<del></del>	
Dew Point			7360		1139		39.3	100 7	<del> </del>	29			.2	27,7		.4		<del> </del>	_		

DATA PROCESSING BRANCH USAF ETAC ATR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY MAXWELL AFB ALABAMA/MUNTGUMERY
STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | TOTAL TOTAL 84/ 83 80/ 80/ 79 78/ 77 76/ 74/ 72/ 70/ 154 57 60/ 56/ 50/ 41 38/ 36/ 32/ 30/ 24/22/ 20/ 18/ Element (X) 

No. Obs.

Mean No. of Hours with Temperature

USAFETAC FORM 0.26-5 (C

Rel. Hum.

Dry Bulb Wet Bulb Dew Point

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGUMERY STATION NAME 1200-1400 HOURS (L. S. T.) PAGE 2 Temp (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 16/ 15 14/ 13 57 33 24 18 16 2 0, -2/ -3 -6/ 10/-11 TUTAL 2938 9.510.610.813.816.715.811.6 6.2 2.5 2938 2938 2930 õ 9876555 No. Obs Element (X) Mean No. of Hours with Temperature 198771 170480 54.021.010 2938 Rel. Hum ± 0 F ≤ 32 F ≥ 80 F × 93 F 58.011.181 2938 10259420 Dry Bulb . 8 9,4 84 2938 7467063 145039 49.410.224 84 84

THE STREET STREET

Kar Live

DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 37-41,43-72 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 86/ 85 84/ 83 82/ 81 80/ 78/ 76/ 72/ 70/ £ 68/ 72 129 183 64/ €. 62/ 161 204 60/ 138 170 190 .6 C 58/ 50/ 188 173 39 109 40/ 98 38/ 36/ 27 30/ 28/ 26/ 21 22/ 20/ Element (X) Rel. Hum. ≥ 67 F ≥ 73 F ≥ 80 F Dry Bulb Wet Bulb

The state of the s

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MUNTGOMERY 37-41,43-72 1500-1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 Wet Bulb Dew Point 82 22 ÷5 -6/ -7 -8/ -9 2928 TUTAL 1.810.1 9.8 9.711.515.517.713,5 6.8 2.7 2928 € 2928 2928 0.26.5 (OL A) 2x' 9694454 Element (X) No. Obs. 155956 2928 Rel. Hum. ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 10341454 7473907 171138 145057 Dry Bulb 2928 84 Wet Bulb 84

the state of the s

DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/HAC MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 37-41,43-72 1800-2000 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 80/ 79 78/ 77 76/ • 1 53 38/ 33 36/ 17 32/ 17 28/ 20/ 18/ 16/ No. Obs. Mean No. of Hours with Temperature ≤ 0 F Dry Bulb Wet Bulb

The second secon

DATA PROCESSING BRANCH WAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 STATION NAME 1800-2000 HOUPS (L. S. T.) PAGE 2 Temp (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 0.8. W.B. Dry Bulb Wet Bulb Dew Poin 12/ 11 10/ 9 28 8/ 2/ 0/ TUTAL 3.114.715.919.120.216.9 7.1 2.3 2932 2932 2932 2933 £ € õ 0.26-5 Mean No. of Hours with Temperature 62.919.447 53.310.313 47.110.230 184365 156275 138282 293; 293; 12701425 Rel. Hum. ± 32 F 267 F 273 F 280 F 293 F 8641135 9.8 84 84 Dry Bulb 6826428 2933 Wet Bulb 6.6 5236491

with the second

## **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

STATION STATION NAME

PAGE 1 2100-2300 HOURS (L. S. T.)

Temp.										DEPR								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73			.0	• 1								I					1	5	5		
72/ 71			. 4	1					<u> </u>		L	ì _	]		_	]	1	1.5	15		
70/ 69		. 3	1.2	• 3	. 1	• 1	.0											60	60	2	
68/ 67		.6	1.1	, 3		0			1	_	1	1	Ì		1	)	1	65	65		13
66/ 65	• 1	, 8	1.2	• 7				•0	• (	D)				i			1	96	96	63	46
64/ 63	1	. 8	1.0	. 7		• 2	.0				Ì	)	1	]	]	]	1	93	93	65	55
62/ 61	,6	1.2	1.4	1.0	.5	. 2	• Q			1								143	143	89	55 79
60/ 59	5	1.3	1.6	_ 6	5	. 4	. 2	• 0		ol		]		]	]	]	l	160	160	116	8Ô
58/ 57	, 6	1.7	1.2	. 8	9	•2 •6	• 1		•	0								154	154	138	113
56/ 55	, 5	1.3		1.2	, 9	. 6	, 3	• 1		]		L		]	<u></u> _	<u> </u>	.l	160	180	159	119
54/ 53	, 3	1.5	1.7	1.2		• 6	. 1		[									182	182	106	131
52/ 51	.5	1.7	1.1	1.4			, 2											193	193		108
50/ 49	• 2				1.0	. 4			]	!			_					180	180		
48/ 47	. 3			2,3	1,5	, 3				↓				<u> </u>				207	207	164	
46/ 45	.3		1.7	2.0	1.2	. 3				i	l	l		İ			İ	201	201	189	
44/ 43	, 3		1.9	2.1							L							191	191	202	129
42/ 41	• 1		1.5	1.6		• 1				1	1			1	Ì		í	179	179		
40/ 39	. 5					<u>• 1</u>				<b></b>		<u> </u>		<u> </u>			<u> </u>	186	186	220	
38/ 37	, 2	1.1	1.0	1.5					1	1	l	1		l	l	Ì	1	138	138		
36/ 35		.4							<u> </u>	.	<u> </u>	<u> </u>		<u> </u>	ļ		<u> </u>	81	81	149	
34/ 33	• 1			1.0						1		İ		i		ŀ	1	79	79		
32/ 31		.2								<u> </u>	<u> </u>	<u> </u>		ļ		ļ	<u> </u>	54	54		
30/ 29		. 2	• 7	• 5		ľ						ļ	1	1		ì	1	43			
28/ 27		• 1	د و	• 2						.		<u> </u>		ļ	ļ	ļ	ļ	2.5	25		
26/ 25		l	. 3	• 1					l	ļ	ļ	1		Į		1	1	12			
24/ 23		ļ	• 1	<u>• i</u>	<b> </b>	!				-	<u> </u>	ļ		<u> </u>		<u> </u>		6			
22/ 21			• 1	,0				ı	l	1		ļ		ļ	Į	1	1	5		15	71
20/ 19	ļ		0 1	•0	<u></u>	·		-	<u> </u>	┦	<b> </b> -	<del> </del>		<u> </u>	<u> </u>	<u> </u>		3			48
18/ 17		•0	• •					l	1	1		ļ	1			1	1	3	3	1	:
16/ 15		ļ							<u> </u>	- <b>ļ</b>	<del> </del>	<del> </del>		<b> </b> -	ļ	<u> </u>		<del> </del>		4	30
14/ 13			,						1	1	1	į .		1	Į .		1		l	1	30
12/ 11							<del> </del>		ļ	-		<del> </del>		ļ	<del> </del>	<del> </del>		<del> </del> -	<b> </b>	<u> </u>	27 21
10/ 9	}						1	ļ	l	1							1	1			
8/ 7	<b> </b>	<del></del>	L		<u> </u>	┖┯┈	<u> </u>	<del> </del>	┸	<del>ا</del>	Ļ.,	ــــــــــــــــــــــــــــــــــــــ		L	<del></del>	<u></u>	<del>بـــــ</del>	ـــــ	<u> </u>	<u> </u>	12
Element (X)		Σχ'			z x		<u>X</u>	<u> </u>		No. O	**.				_			h Tempera			
	<b> </b>			<del></del>				<del> </del>					-	± 32 F	≥ 6.	F	≥ 73 F	≥ 80 F	2 93	<u>-                                     </u>	Total
Dry Bulb	<del></del>			<u> </u>					-						├			<del> </del>	-		
Wet Bulb								<del> </del>							<del> </del>			<del> </del>	-		
Dew Point	L		1					Ц					!_		ل			ــــــــــــــــــــــــــــــــــــــ			

AFETAC FORM 0.26-5 (OL

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ·6/ 2/ -2/-3-6/ -7 5.021.930.024.512.9 4.2 1.2 2939 2939 2939 No. Obs. Element (X) 71.317.122 49.410.400 45.110.684 209585 145062 132625 2939 15807173 ≥ 67 F ≥ 73 F ≥ 80 F Rel. Hum. 10F ≤ 32 F 7477698 2939 9,9 Dry Bulb 6320171 2939 84 5218503 2939 84 A STATE OF THE STA

#### **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

STATION STATION NAME

PAGE 1 0000 0200 MOURS (L. S. T.)

Temp.										DEPRE								TOTAL '		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	1 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30		<b>&gt;</b>	1º 116	Vet Bulb	Dew Por
76/ 75			. 2	• 0		 											•		, i		
72/ 71		• 1	,4 i,3	. 1												`	ı i	ĩ	14	,	
68/ 67	• 1	2.0	1,4		.0				! —— !					·· <sub> </sub>				Li.	: 4	73	
66/ 6! 34/ 63.	<u>.2</u>		1.2	.4	<u>, 1</u>	• 2	• 1		.0									122	122	115	
62/ 21,	. 3	3,1	. 8	. 4	, 6	. 2	1			<u> </u>					<u>+</u>			171	114	<u> 135</u>	10
50/ 57	1.0		1.3	1.0	.7	.3				1								184 216	105	152 159	
56/ 55	.6	2.0	1.7	, 3	į.į	. 2		• 1		<del>-</del> -	-							220	220	180	13
54/ 53 52/ 51	<u>, 6</u>		7.0	1.3	8.	•0	-,0	-										169 223	169 223	182	
50/ 49 48/ 47	. 2	1.7	2.0	2.1	1 2	. 3	_ •1		<u> </u>	<u> </u>	<u> </u>			-			<u> </u>	220	220 236	211 194	16
46/ 45	. 3	1.5	2.2	1.8	1.6		•											205	508	_ 2 3	16
44/ 43 42/ 41	-4	1.4	2.3	1.5		•0								i			] 	190	142	220 210	1 12
40/ 39	, į		• •	• 9	,3	.0				İ								135	135	200	19
38/ 37	<u>0-</u> 1 •	•9		, <u>8</u>		<del></del>	_		-	<del> </del> -	├			-	<del>  </del> -			<u> 118</u> 79	-11 g	167 1.35	
34/ 33		. 6	. 4	, 3		 <del> </del> -	<u> </u>	ļ	<u> </u>	<u> </u>	<u></u> .							41	42	ە: نــــــــــــــــــــــــــــــــــــ	14
30/ 29	• 0	1	•3 •4				_	<u> </u>		<u> </u>								18 15	20 15	86 28	14
28/ 27 26/ 25	• 0	•2								1								13	13	21 18	
24/ 23			,0					<del> </del>		1							ļ ———	1	1	6	4
22/ 21 20: 19		-	, -		_	-	<u> </u>	<del> </del>	<del> </del>	┧	<u> </u>	<del> </del> -		<del>                                     </del>							3 2
18/ 17		<u> </u>			<u> </u>				ļ	<del> </del>	<u> </u>	<u> </u>		<del> </del>			<del> </del>				1
14/ 13				L		ļ	<u> </u>	<u> </u>	<u> </u>		Ĺ	<u> </u>									
12/ 11																					
Element (X)		Σχ2			Σχ		ž	•,		No. O	s.				Mean No	o, of H	ours will	n Temperat	ur <b>e</b>		
Rel. Hum.												<b>±</b> 0	F	≤ 32 F	≥ 67 F	: [ ]	73 F	≥ 80 F	≠ 93 F		Total
Dry Bulb								1													
Wer Bulb																$\Box$					
Dew Point			$\overline{}$																1		

AFETAC FORM 0.

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MORTGOMERY 37-41,43-72 0000=0200 HOURS (L. S. T.) PAGE 2 TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point Temp, (F) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 13 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 5,232,431,719.0 8.7 2.2 TUTAL . 2 3125 3119 3118 ā 0.26.5 Element (X) No. Obs. Mean No. of Hours with Temperature 19137102 8723262 239928 162272 76.914.714 51.9 9.750 48.410.190 3118 ≥ 67 F Dry Bulb 7625722 150890 2.6 Wet Bulb

# **PSYCHROMETRIC SUMMARY**

68/ 67 66/ 65 64/ 63 62/ 61 60/ 59 1 58/ 57/ 1	.1 .0 .9 .2 2.2 .2 2.4 .7 2.6 .3 2.8 .3 2.8 .3 3.4	. 5 . 7 . 9	5 · 6 • 0 • 3 • 4	7 - 8 • 0 • 0 • 1	9 - 10	11 - 12				SSION ( 19 - 20		23 - 24	25 - 26	27 - 28	29 - 30	> 31	PAGE TOTAL J.B. W.B. 0		O300 HOURS IL. TOTAL Wet Bulb C	. S. T.)
(F) 0 74/73 72/71 70/69 68/67 66/65 64/63 62/61 60/59 1 58/57 1	.1 .0 .2 .2 .2 .7 .7 .3 .3 .3 .3 .4 .1 .2 .7 .7 .7	2 2 9 b 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	.0	.0	9 - 10	11 - 12						23 - 24	25 - 26	27 - 28	9 - 30	<b>≥</b> 31				)ew P
74/ 73 72/ 71 70/ 69 68/ 67 66/ 65 64/ 63 62/ 61 60/ 59 1 58/ 57 1	.1 .0 .2 .2 .2 .7 .7 .3 .3 .3 .3 .4 .1 .2 .7 .7 .7	2 2 9 b 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	.0	.0			13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	× 31	J.B. W.B. 0		Wet Bulb (	Dew P
72/ 71 70/ 69 68/ 67 66/ 65 64/ 63 62/ 61 60/ 59 1 58/ 57/ 1	.0 .9 .2 2.2 .7 2.6 .3 2.8 .2 3.4	29 57 50 67	.0	.0									i				(	12		
70/ 69 68/ 67 66/ 65 64/ 63 62/ 61 60/ 59 1 58/ 57/ 1	.0 .9 .2 2.2 .7 2.6 .3 2.8 .2 3.4	9 8 7 8 0 7 0 0 7 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	.0	.0							1				ļ		9	9	l	
66/ 65 64/ 63 62/ 61 60/ 59 1 58/ 57 1	2 2.4 7 2.6 .3 2.8 1.2 3.4 1.1 2.7 2.1	1.0	• 0	.0			i {							$\neg$			57	57	13	
62/ 61 60/ 59 1 58/ 57 1	.3 2.8 1.2 3.4 1.1 2.7 .7 2.1	1.0	-3	.1													104	99 104	55 112	
58/ 57 1	.2 3.4 1.1 2.7 .7 2.1	1.0	[ر		<b>-</b>	-	•0										137	137 129	124 111	_14
56/ 55	.7 2. i	1 1 2		. 4			• •										207	207	158	10
			.7	. 3 3	.0	• 0								i			180	182	165	14
54/ 53	.9 1.8 .6 2.5	1.4	. 6	. 1		•0	,										162	163 184	145 142	1
50/ 49	.3 2.8	2.5			•0		_•¢	_									218	218	167	1;
48/ 47	.6 2.0 .7 2.8	2.5	1.4	.6	-2												213	213 254	190 209	
44/ 43	.5 2.3	2.1	. 9	,4													199	199	229	i
40/ 39	.2 2.2	1.9	. 8			<u> </u>				<u> </u> 				l			167	167 170	191 208	
38/ 37 36/ 35	.0 1.9	2.2	. 4		Į.												142	142	165 179	14
34/ 33	.2 1.4				<u> </u>												104	104	133	10
32/ 31	• 11 • 7	3	• 2		-				<del> </del> -								47	<del>47</del> 20	127	<u>_</u> !
28/ 27	1 2																20	20	28	_ <u>i</u>
24/ 23	1 .2																13	13	17	
22/ 21 20/ 19																		ļ	7 3	
18/ 17						<del> </del> -			† <del>-</del>											
16/ 15				-	<del> </del>	-	<del>                                     </del>	-	-	<del>                                     </del>										
$\frac{12}{10}$ / $\frac{11}{9}$		<b> </b>	 		<del> </del>	<u> </u>	<del> </del>			<u> </u>			-				<del>  </del>		<b></b>	
8/ 7		<u> </u>		<u></u>	<u> </u>					<u> </u>							<u> </u>			
Element (X)	Σχ²		<b>}</b>	ZX		×	- "		No. O	bs.							h Temperatu			
Rel. Hum.							<del> </del>					F   -	: 32 F	≥ 67	F   -	73 F	≥ 80 F	2 93 I	<del></del> -	Tota!
Dry Bulb Wet Bulb					-		<del> </del>	-							$\dashv$		<del> </del>	┼──	<del></del>	
Dew Point			<u> </u>				<del> </del> -	<del> -</del> -									<del> </del>	┼──	$\dashv$ —	

#### **PSYCHROMETRIC SUMMARY**

13821 STATION MAXWELL AFR ALABAMA/MONTGONERY MAR ()300-0500 HOURS (L. S. T.) PAGE 2

Temp.						WET	BULB	TEMPE	CATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	<b>→ 31</b>	D.B. W.B.	Dry Buib		Dew Poin
TUTAL	9,1	1 · 2 L44 • O	30.2	12.1	3.8	.7	•1	, 1										i	3122		3112
		i		<del> </del>	<del> </del>		<del> </del>		<del> </del>									3112	<del></del>	3112	<b></b>
		i		1					1										]		
						i		i	1												
		ļ			ļ				<u> </u>									ļ	ļ		
			Ì	1	Ì				ł	1	ļ										
		<del> </del>		<del> </del>	<del> </del>	├		<u> </u>	<del> </del>								<del> </del>				
																	}	1			
		1		1	<b></b>	<u> </u>	·	İ	<del></del>	1							<del>                                     </del>		<del> </del>		
			l							<u></u>											
																			Ī		
		<del> </del>	<del> </del>						<del> </del>								<del> </del>	ļ	<u> </u>	ļ	
		·			<del> </del>				<del> </del>									<del> </del>	<del> </del>	ļ	ļ
				<u> </u>																	
																	<u> </u>	1	T		·
						ļ			ļ	<u> </u>								ļ	ļ	<b> </b>	
							1				ĺ							1			1
		<del> </del>		<del> </del>	<del> </del> -	<del> </del>	<del> </del>	<del> </del> -	<del> </del>								├──		<del> </del>		<del> </del>
					İ				}									\$			
		i	i :	1	1	İ			<b> </b>								i		<del>                                     </del>		i
		ļ	<u> </u>		<u> </u>														<u></u>		ļ
							1			1							Ì	İ	İ	}	]
				<del> </del>	<del> </del> -			<del> </del>	┼		<b> </b>							<del> </del>	<u> </u>	<u> </u>	
					İ																
		<del> </del>		<del> </del>	1	<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>	<b> </b>						<del> </del>	<del> </del> -	<del> </del>	<del> </del>	<del>                                     </del>
						<u> </u>															
			į								l										
F1 .793		Zx'	<u> </u>	ļ	<u> </u>	L	<u> </u>			<u>.</u>	<u></u>				<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u></u>	L
Rel. Hum.		2119	6139	,	z <sub>x</sub> 2533 1553 1465	67	X 81.4 49.8 47.1	13.5	12	No. 01	12	≤ 0	<u> </u>	s 32 F	Mean I ≥ 67		73 F	h Tempero	4 93		Total
Dry Bulb		2119 806	2573	<del> </del> -	1553	59	49.8	10.3	06	31 31	22	0	<del>-   -</del>	3,2		-1	• 1		73		93
Wet Bulb		725	6678		1463	12	47.1	10.7	41	31	12			8.0	2	•0		<del>                                     </del>		_ _	93
Dew Point		653	1420		1370	80	44.0	12.5	91	31	12			18,5	1	, 2			1		93

COMPANY MANAGEMENT

#### **PSYCHROMETRIC SUMMARY**

3821	1.74	/ TT 2 6	<u> </u>	51	ATION N	AME	NTGO	776141		21-	4104	<u> </u>	<del>'</del>	YE	ARS					М	TH
																		PAGE	1	O600	<u>-08</u>
Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	\$\$101' (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Culb	Wet Bulb	Dew
78/ 77					.0					i	i –		i		i			1	1		
76/ 75			.0	. 1			1		1	1	}		1	ì	1	<b>i</b> '	1	1 31	3	ì	
74/ 73			, 2	• 2	. 1	• 1				1	1					1		17	17		
72/ 71		. 1	.7	. 4					}	1	i	}	1	1	}	1	1	39	39	. 2	
70/ 69	-,1	, 9	1.0	. 5						1			1		i			78	78	30	
68/ 67	2	1.6	. 9	• 2	.0	. 1	<u>                                      </u>		<u> </u>	l	<u> </u>		l	l	]		Ì	93	93	76	
66/ 65	. 2	1.9	• 7	. 4	. 1	• 1	, 1		Ĭ				i		i	I		104	104	102	
64/ 63	. 4	2.3	1.1	, 4	0 	• 1			ļ	<u></u>	<u> </u>	<u> </u>				<u> </u>		139	139	113	1
62/ 61	.5	2.8	1.6	. 4	. 1	.2	• 1	• 0					i		i			152	153	131	1
60/ 59			1.6	, 5	5	2	.0			<u> </u>	<u> </u>		<u>                                     </u>	<u> </u>	<u> </u>			182	_182	142	1
58/ 57	1,2	2.7	• 7	. 8		• 1	• 1				1		Ì					186	188		1
56/ 55	. 7	2.1	1,5	9	. 4	. 2										<u> </u>		182	182	167	_1
54/ 53	.6	2.0				. 2		• 0		l	į	ĺ	1		ł	i	1	188	190	133	1
52/ 51	3		1.5	104	5	2			<u> </u>	<u> </u>			<u></u>					184	185	174	_1
50/ 49	.4	2.0	2.2	1.8	.6	.3				Ì	)		1	]	}		Ì	225	225	162	1
48/ 47	. 3	1.5	1.9		7	3			ļ	ļ			<u> </u>		<b> </b>		ļ	193	193	181	1
46/ 45	.4	2.3	2.1	1.1	.6	1 • 1	•0		l	ļ	1		l	Į	Ĭ	l		209	209	203	1
44/ 43	. 4	2.4	2.1	1,6					ļ	<u> </u>			ļ		<del> </del>	ļ	ļ	224	224	217	_1
42/ 41	, 2	1.5	1.5		• 4	•0		1	į	ļ		ļ	Į.		ĺ	Į.	ļ	152	152	199	1
40/ 39	1	1.3	2,2	1.0	4	<b>!</b>	ļ		ļ	<del> </del>	ļ		<del> </del>	ļ	<del> </del>	ļ		155	155		
38/ 37	. 1	1.6	1.4	.9	• 2	}	1	ļ	ļ	1	1		ļ	ί	1	į.		129	129		1
36/ 35	3	1.4	1.3	• 5	2000	<u> </u>	<del> </del>				<del> </del>		├	<del>├</del> -	<del> </del>	<del> </del>	<b> </b> -	102	_110		_1
34/ 33	, 2		•6	, 2		1		ļ		ļ	ĺ	1	1	[	1	1	1	70	72	129	1
32/ 31		. 5	, 5 , 2 , 2	- 2		<del> </del>	<del> </del>		<del> </del> -	<del> </del>	<del> </del>	<del> </del>	├	<del> </del>	<del> </del>	<del> </del> -	<del> </del>	1 11	41	112	!
30/ 29 28/ 27	. 1	1 .3	1 2	, 2		1				}	1	1	1	1	1	1	1	16	17		1
28/ 27 26/ 25				•0	<del> </del>	<del> </del>		<del> </del> -		┼	<del> </del> -	<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>	14	14	20 23	
24/ 23	•0	2	• 1 • 2	ļ	1	1		{	ļ	}		1	1	}	}		[	10	10		
22/ 21		1-06				<del> </del>	<del> </del>	<del> </del>	├	┧──	<del> </del>	┼	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	1-14		10	
20/ 19		i						]					1	l						1 2	
18/ 17		<del> </del>	<del> </del> -	<del> </del>	<del> </del>	<del>}</del>	<del> </del>	<del> </del>	<del> </del>	├	ا	├──	<del> </del>	<del> </del> -	<del> </del>	<del> </del>	├──				
16/ 15		{			1	1	1	1		1	1	1	1	1	1	1	1			[	
14/ 13		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	· <del> </del>	<del> </del>	<del> </del>	┧──	<del> </del>	┼──	<del> </del>	<del> </del>				

Element (X) Rel. Hum. Dry Bulb

Mean No. of Hours with Temperature

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/MUNTGUMERY
STATION NAME 37-41,43-72 0600-0800 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 31 D.B. W.B. Dry Bulb Wat Bulb Dew Poin 10/8/ 6/ Ŏ/ INTAL 7.237.528.817.3 6.5 3117 3108 2.0 3107 3108 ₹ 0.26-5 (0) Element (X) 243472 78,314,984 3108 Rel. Hum. 1 32 F ≥ 73 F 50.810.436 47.610.802 93 93 8393291 138443 6,9 3117 Dry Bulb 147943 7404755 3108 Wet Bulb 93 3108

## **PSYCHROMETRIC SUMMARY**

3821 STATION	MA	XWEL	L AF	B AL	ABAM	A/MO	NTGO	MERY		37.	41,4	<u>3⊷7</u> 2		YE	ARS				J.I MON	AR_
																	PAGE	l _	0900 (	=110 : \$. 7.7
Temp						WET	BULB 1	TEMPER	ATURE	DEPR	SSION (	F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	24 25 - 26	27 - 28 29	- 30 - 31	D.B. W.B.	Dry Bulb W	et Bulb	Dew Po
86/ 85 84/ 83								• 0									1	1		-
82/ 81						•1	. 2	. 2	•0					<b> </b>			15	15	$\neg \neg$	
80/ 79				- 0	2	5	ځو	- 1			<del></del>			_			43	43		
78/ 77 76/ 75			. 1	, 1 , 7	.7	. 4	. 2	•1	.1		.0						58 81	58 81		
74/ 73		.0	. 4	4.0	Š	, 5	, <u>2</u>	, 5	. 2		. 0						133	133	1	
72/ 71		• 1	. 5	1.1	. 6	• 5	5	. 4		2	1	.0					126	126	24	
70/ 69		.6		1.0	.6 8	• 8	.7	• 4			.1						172	172	105	
68/ 67	• 1			. 8	, 8	. 5		.6	,4			ļ					171	171	134	
66/ 65	.0			. 9	. 8 5	• 8	.6		• •							Ì	187 169	187	114	1
62/ 61	, 3		. 9	• 9	.7	1.1	1.0			2	1		<del>                                     </del>	<del>- </del>			221	222	154	1
60/ 59	. 3	1.8	. 8	.7	, 9	1.1	1,3	. 4	, 2	<u> </u>							232	234	195	ī
58/ 57	, 5	1.4	. 7	, 9	1.0	1.1	.6	.6	.0		1	İ		1			220	220	215	1
56/ 55	• 1	1.2			1,2	1.5				<u> </u>	<u> </u>	<u> </u>		<u> </u>			225	227	198	_1
54/ 53	• 2 • 2	. 8			1,2	1.4	,9	.2		1		ļ					179	180	187	1
52/ 31	• 2	• 5	,6	• 7		1.4					<del> </del>						174	174	217	_1
50/ 49 48/ 47	, 2 , 1				1.1	1.5	, 6	j		1		1		-			175	175	198 187	1
46/ 45		.4								-	<del> </del>		├─				114	114	207	1
44/ 43	• 0					,7 ,3						1					95	96	199	_1
42/ 41	• 1 • C	. 4	, 2			.3	,0			i							62	62	183	1
40/ 39	• C	.2		,6	, 6 3	. 1					ļ	l	<u> </u>				48	50	152	_1
38/ 37		• 1	.3	.3	.2	•0		ĺ									29	32	98	1
36/ 35		01	• 2	• 2			L	ļ			<u> </u>		<u> </u>				17	17	79	
34/ 33 32/ 31		• 1	• 1 • ô	• 2			•				1	İ					13	13	63 27	
30/ 29			.1	•0									<del>                                     </del>	$\top$			5	5	14	ì
28/ 27		<del> </del>	.0			<del> </del>	-	<del> </del>		┦		ļ	<del> </del>	-			1		11	_1
26/ 25 24/ 23			• 1														3	3	6 2	
22/ 21 20/ 19																			3	
Element (X)		žx1	L	<del> </del>	z x	<del>'                                    </del>	·	<b>₹</b>		No. O	bs.				Mean No.	of Hours wi	th Temperat			<b></b>
Rel. Hum.				<del>                                     </del>				<del> ^</del>	<del> -</del>			± 0	F	≤ 32 F	≈ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	<del></del>	Total
Dry Bulb				<del>                                     </del>				1						<del></del>		1	1	1	1	
Wet Bulb				<del>                                     </del>				<del>                                     </del>	-				$\dashv$		<del>                                     </del>	<del>                                     </del>	<del> </del>	1		
D. B				<del> </del>		<del> </del>							<del> </del> -				<del></del>	<del>- </del>		

26M 0-26-5 (OLA) 21/15/10/1

AFETAC FOUN

湯湯 DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOHERY 37-41,43-72 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 29 - 30 | 231 18/ 17 16/ 15 20 10/ 8/ TUTAL 2.312.312.915.917.816.712.0 5.9 2.9 3113 3113 3111 Element (X) 61,019,569 58,910,406 51,710,066 189889 183960 3113 Rel. Hum. 12774707 ≥ 67 F ≥ 73 F ≥ 80 F 11174188 8627950 Dry Belb 3123 Wet Bulb 160864 3113 93

MANERAL TO THE WALL

A CHARLES AND STREET OF THE STREET

TO THE RESIDENCE OF THE PROPERTY OF THE PERSON OF THE PERS

#### **PSYCHROMETRIC SUMMARY**

MAXWELL AFB ALABAMA/MONTGOMERY
STATION PAME 1200-1400 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb (F) 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 Wet Bulb Dew Poin 88/ 87 86/ 85 84/ 32/ 81 80/ 79 78/ 77 76/ 72/ 70/ 69 68/ C 66/ 65 172 60/ 56/ 5Ò/ 48/ 46/ 44/ ĩ 3 <u>3</u> 40/ 121 34/ 33 32/ 27 30/ 28/ Element (X) Mean No. of Hours with Temperature ≥ 93 F ≤ 32 F ≥ 73 F ≥ 80 F Dry Bulb Wet Bulb Dew Point

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13821 MAXWELL ALB ALABAMA/MONTGOMERY 37-41,43-72 STATION STATION NAME 1200=1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 20/ 19 18/ 17 39 16/ 25 13 11 12/ 10/ 1 9 8/ TUTAL 6.4 6.9 7.010.313.415.514.812.1 6.9 3.6 1.1 3116 3116 3116 Mean No. of Hours with Temperature Element (X) 9258176 3115 3125 3116 50,420,683 ≥ 67 F = 73 F ≥ 80 F Rel. Kum. 157130 13466070 9423181 93 93 202460 168825 64.810.573 54.2 9.417 42.2 Dry Bulb

DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 37-41,43-72 1500=1700 HOURS (L. S. T.) PAGE 1 TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 88/ 87 • 1 86/ 85 84/ 83 82/ 81 80/ 78/ 77 76/ 75 72/ 70/ 69 68/ 66/ 65 62/ 61 60/ 58/ 57 50/ 49 48/ 46/ 45 40/ 38/ 37 36/ 35 34/ 33 27 30/ 28/ 26/ 25 24/ 23 Mean No. of Hours with Temperature Element (X) Rel. Hum. 267 F 273 F 280 F 293 F ± 0 F s 32 F Dry Bulb

Wet Bulb

THE PROPERTY AND THE PROPERTY OF DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 STATION NAME 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. Dry Bulb | Wer Bulb | Dew Point Temp (F) 20/ 19 18/ 17 16/ 20 12/ 6/ 5 TOTAL 7.4 6.8 6.7 8.311.314.614.513.8 8.4 4.7 1.7 3121 3117 3117 0.26.5 No. Obs. Mean No. of Hours with Temperature Element (X) 49.521.412 65.310.220 54.3 9.053 3117 9056835 154199 267 F 273 F 280 F 293 F Rel. Hum. Tatal 13651589 203935 93 Dry Bulb 169389 9.8 9460581 3117 93 Wet Bulb 136401

A second

The state of the s

# **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

STATION VAME

PAGE 1 1800-2000 MOURS (L. S. T.)

Temp.						WET	BIII B 1	FUPES	ATURE	DEPRE	SSION (	E)						TOTAL	·	TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8								23 - 24	25 - 26	27 . 28	29 . 30	<b>→ 31</b>		Dry Bulb		Dew Point
82/ 81				-		<del></del>	•	10 14		1.7.10	1,7 10		10 - 14	25 20					2		
80/ 79				- 1	.0	. 2	. 1	. 1	. 1	۱ . ۸								15	15	i	
78/ 77						• 4	,3	- 2		Y								39	<del></del>		
76/ 75	- 1			اء	• 2	• 7	• 5	+ 2	• 1	1 .								76			1
74/ 73		• 0	.2	<u>2</u>		9		- 12		- • =											<del> </del>
72/ 71		. 1	. 7	1.2	, 8	8		• 2	.2		. 1			\ I				115			١,
70/ 69	• 1	- 4	. 8	- 9				, 9	.6	1								196			
68/ 67	. 1	4		9						. 2	• 0			i i		'		197	197		
66/ 65	• 1			• 3						.0								228			
64/ 63	ž			1.0		1.3	1.1	1.1	.4		<b>'</b> ' '			i 1	i '	· '		250			
62/ 61	• 1		.9	. 0		1.2	1.4	.7										252			
60/ 59	. 4	1.3	. 9	. 7			1.4	, 9										259			
58/ 57	. 3	1.4	• 4	.7	1.0	1.7	1,5	,4	. 1									231	231	223	183
56/ 55	,2	1.0	, 6	. 7	8	1.7	1.4	,4										210			163
54/ 53	. 2	. 8	.4	. 6	1,1	1.2	,9	, 1										167	167	200	153
52/ 51		.6	. 4	. 7	1.1	1.1	.6		<u> </u>	Ì	Ì		L	<u>l                                     </u>			l	148	148	213	
50/ 49	- 1		, 6 5	.6	1,2 1.0	1.1				1								132	132	220	126
48/ 47	1	.4		- 5	1.0	.9	.2		<u> </u>	<u> </u>								110	110	214	
46/ 45	• 1	.6	,6	. 5	9	1.0	.1			ĺ								116	116	224	153
44/ 43	1	. 4			.0				<u> </u>	<u> </u>	<u> </u>							88			
42/41	. 1	. 3	,4 ,2	.4	,4	• 2				l	1		1		l i			55			
40/ 39		.0			3	<b>!</b> _	<b>!</b>	<u> </u>	<u> </u>	<del> </del>	<u> </u>		<u> </u>	ļ				27	<del></del>		
38/ 37			• 4	. 2	•0	1	f			1	Į							13			
36/ 35	0	. 2			.0	<b>!</b>	ļ			<del> </del>	<u> </u>						<u> </u>	16			
34/ 33			, î	, 1	٠		1				ļ	ļ		1				4		43	
32/ 31		ļ			- 0	0		ļ	<u> </u>	<b>├</b>			<u> </u>					5		18	
30/ 29		1	•0		,0	1	1	ļ		Į.				1		ļ		2	2	6	
28/ 27		<del> </del>				├──		<del> </del> -	<del> </del>	<del> </del>	<del> </del>		<del> </del>			<u> </u>	<del> </del>	<del> </del>	<del> </del>		78
26/ 25					<b> </b>	1	1		1	l	<b>,</b>			ļ				ļ	1	1	88
24/ 23							<del>                                     </del>	<del> </del>	<del>                                     </del>	1-			<del> </del>	<del> </del> -			<del> </del>	<del> </del>	<del> </del>	<del> </del>	48
20/ 19					1			1		1	ĺ	}	İ	1	<b>\</b>			1	1	1	28
18/ 17						<del>                                     </del>	<del> </del>	<del> </del>		+	<del> </del>		<del> </del>	<del> </del>			<del></del>	<del> </del>		<del> </del>	32
16/ 15		1					1					İ	1		1	ĺ	1				18
Element (X)		Z X2	I		Σχ		X	•,		No. 0	·s. ]	<u></u>			Mean I	No. of H	ours wil	h Tempero	ture		·
Rel. Hum.												⊴ 0	F	2 32 F	≥ 67	F	73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb																					
Wet Bulb																					
Dew Point						$oldsymbol{\perp}$															

JSAFETAC FOLM

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 37-41,43-72 1800-2000 HOURS (L. S. T.) PAGE 2 Temp. WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 10/ 2.212.411.313.517.118.513.3 7.6 3.1 3127 3123 3121 3123 €. C X 7, 60,119,737 59,7 9,443 52,1 9,240 z<sub>x</sub>, 12513052 11420909 No. Obs. Mean No. of Hours with Temperature Element (X) 187830 186659 3123 3127 Dry Bulb 8757265 162839

á. DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFE AL AMAMONTGOMERY 37-41,43-72 2100 m 2300 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Poin 1 - 2 3 - 4 5 - 6 7 - 8 78/ 77 70/ 68/ 67 \$ 66/ 65 64/ 63 62/ 60/ 276 159 56/ 51 5Ž/ 226 50/ 46/ 44/ 43 32/ 31 30/ 23 26/ 24/ 22/ 20/ 18/ 10/ Element (X) No. Obs. Rel. Hum. Dry Bulb Wet Bulb

and the second second

RY 00 Point 480036139110533332145114073497085811

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

STATION STATION NAME

PAGE 2 2100-2300

Temp.				·				ENPERA						,			,	TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 1	5 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.		Wet Bulb	
DTAL	3.0	19.2	24.1	24.7	17.0	9.8	2.8	, 1	• Q		4			[		ı	1 1		3114		311
																		3107		3110	<b> </b> -
				ļ										[			! !			1	1
				<b></b>			',					{					<del> </del>			<del> </del>	
	1 1				[ [		í														
				<u> </u>	<u>-</u>												<del> </del> -				<del> </del>
	) }				1		1			1				1 1						}	
				<del>                                     </del>						-											<del> </del>
	1 1			]	1	Ī	l	1						ì i			l ì			1	
																	<b></b>			i	i
				1			]										]				]
				I	<u> </u>															<del>                                     </del>	
				1										<u> </u>							<u> </u>
			Ī —		i																
										<u> </u>							<u></u> ;				
			l	1	1 1														ĺ		1
	<u> </u>			<u> </u>	!									<u> </u> i	ļ						<u> </u>
			İ	1	li			[			i		i				1			İ	1
				<u> </u>						Ļ										ļ	<u> </u>
			j	1				i i		i i							1		Ì		!
			<b> </b>	<b> </b>																<del> </del>	<u> </u>
				l	ļi														1		
	<del> </del> -			·	i												1	<b> </b> -		<del> </del>	├
	Į Į		1	Į .						[								[ .		1	į
			<del> </del>	<del> </del>						<del> </del>									<del> </del>	<del> </del>	╁──
	j ¦			<b>S</b>	1		1	1		<b>i</b> '				1		i	}		1	1	1
	-			<del>                                     </del>	[			<del></del>						<b></b>			<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>
															İ						!
	<del> </del> -									<del>                                     </del>							1			<del>                                     </del>	!
	1 1							1							ĺ		1	1	ļ		
	1		<u> </u>	1											i		1				1
			L	<u> </u>			L			<u> </u>		!				L				<u>l</u>	<u> </u>
lement (X)		Σχ'			Σχ		X	7,	$\Box$	No. OL					_			h Tempera	ture		
el, Hum,		1613	7135		2180	71	70.1	16.49 9.26 9.54	77	31	10	2 0	F	: 32 F	≥ 67		≥ 73 F	≥ 80 F	▶ 93	F	Total
ry Bulb		975	9944		1719	32	55.2	9.20	3	31	14			,6	11	• 0	.7				
let Bulb		812	5727		1561	73	20,2	9.54	5	31	10			2,5	3	•7		<u> </u>			
ew Point	]	677	0068	1	1401	24	45.1	12.11	91	31	10		1	15,6	1	, 3		l .	- 1	- 1	9

with watch windows come

#### **PSYCHROMETRIC SUMMARY**

MAXWELL AFB ALABAMA/MONTGUMERY APR PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp (F) D.B./W.B. Dry Bulb Wet Bulb Dew Point 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 76/ 75 74/ 73 72/ <u>75</u> 66/ 65 52/ .0 • 0 48/ <u> 168</u> 40/ 32/ 28/ 26/ 24/ 23 3,928,534,921.0 7.3 3.1 1.0 Element (X) No. Obs. Mean No. of Hours with Temperature 78,812,826 59,7 7,509 55,9 7,971 Or Bulb 30 Wet Bulb 6.1

C 'ORM 0.26-5 (OLA) PENSE PRINC

## **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AMB ALABAMA/MUNTGOMERY 37-41,43-72

STATION NAME

PAGE 1 OBOO-0500
HOURS (L. S. T.)

Temp.														SSION (							TOTAL		TOTAL	,
(F)	0	1 - 2	3 - 4	5 - 6	7 . 8	9.	10	11 - 1	2 1	3 - 14	15	- 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
76/ 75			• 1	• 0					İ					-		-	] [				4	4		
74/ 73		• 2	2 2	• 1		-	_		4		<u> </u>								ļ		13	13		ļ
72/ 71		, 5	. 9	• 3		.[	į		-			,		l			l l		ļ	,	49	49	12	
70/ 69	-1	1.9	1.8	• 3		<u> </u>			4		<u> </u>					ļ				ļ	129	129	44	
68/ 67	. 2			• 2		시	• 1		1					1						ł	198	198	104	
66/ 65	1.2	5.1	2.4	• 5		:  —			- -		<del> </del> _						<b>├</b> ─			<u> </u>	285	285	256	
64/ 63	, 6	4.6		• 4			• 1		_					ļ	1	Į .	1 1		ļ	1	228	228	224	22
62/ 61	<u> </u>	5.6				#_	•0		9		<del> </del>					<u> </u>			ļ	<del> </del>	290		275	
60/ 50	• 7		2.2			!	• 0		Ç		1									Ì	282	282	259	
58/ 57	<u>•7</u>					7	• }	•	<u> </u>		1					<del> </del>	<del>  </del>		<b>├</b> ─	<del> </del>	242	242	211	20
56/ 55	, 6	3.6			•	*	• 2		İ		1						[				269	269	224	
54/ 53	. 4	3,2		1.2	•	-	• 1		+		┼			<del> </del>	<b> </b>	├			├	<b>├</b>	220		257	
52/ 51 50/ 49	. 2		2,1			5	• 1		1		1			1	<b> </b>	<b>\</b>				1	176	176	207	20
50/ 49 48/ 47	2	2.1	1.9		- •	<del>[</del> ]_	• 0	ļ	4		├-			<del> </del>		<del> </del>	<del>  </del>		<b> </b> -	<del> </del>	167	167	194	
46/ 45	• 1	1.9			•	5	^		1											1	155	155	172 178	14
	•1	1.8	1.7	• 4	- •	- 1	•0	<u> </u>	+		₩			ļ	├	<del> </del>			<del> </del>	<del> </del>	127	127		
	Λ	1.0	1,2		•	à			1		1						] [				74	74 65	133	
42/ 41 40/ 39	- 0	1.0				4	_	-	+		<u> </u>			<del> </del>			<del>  </del>		⊢—	├──	54		78	
38/ 37	, l	.3							-					1		i	1				17		65	
36/ 35	• •	•1	• •	<del> </del>	}- <b>-</b> -			├	+		╁			├		<del> </del> -			<del> </del>	<del> </del>	2	1 / 2	39	
34/ 33		••	}			İ			-					l					1		٠ '	ء ا	4	
32/ 31		<del></del>	1	<del> </del>	├ —	╁	_	<del> </del>			╁╌	—		<del>                                     </del>		<del> </del>				<del></del>		2		
30/ 29		۰. ا	۰ ۲	1					1				İ	l			į l			1	2			l i
28/ 27		<del>- • •</del>	<del> </del>	<del> </del>		┪	_	$\vdash$	十		╆		-	<del> </del>		1			<del> </del>		<del> </del>		3	
26/ 25					ł				١					1		1	ļ.				1		_	1 1
24/ 23			<del> </del>	<del> </del>	l —	十		<del>                                     </del>	$\dashv$		╁		<del>                                     </del>	<del>                                     </del>	-	<del> </del>	1		<del>                                     </del>	<del> </del>	$\vdash$			
22/ 21		1	1	1	1	1		}	1		1		1		}	}			i .		1	<b>\</b>		1
207 19		<del> </del> -	<del> </del>	$\vdash$	<del>                                     </del>	1-		t	+		╁			<del>                                     </del>	<del> </del>	-	1		$\vdash$	_	<del>                                     </del>		<del></del>	<del>                                     </del>
DTAL	6.3	46.8	31.7	10.6	3.	6	. 8		1		1		1		1	1	[				1	3049		304
		l	1	<del>                                     </del>	<u> </u>	+	<u></u>	<del>  '</del>	7		1			<del>                                     </del>	<del>                                     </del>	<del> </del>			1	1	3049		3049	
			<u> </u> _		<u> </u>	$\perp$		<u> </u>	4		L					<u> </u>								
]			<u></u>		<u> </u>	1_													<u> </u>		<u> </u>			
Eloment (X)		ΣX1			Σχ			_X	I	•,			No. O							lours wit	h Tempera	ture		
Rel. Hum.		2190	5384		256	206	3	84,	O.	11.1	109	9		149	± 0	F	≤ 32 F	≥ 67		2 73 F	≥ 80 F	<b>2 93</b>		Total
Dry Bulb			1332		174		<u> </u>	57,	3	8.0	)54	4		149			• 1		.6	. 5	j			
Wet Bulb			0965		166		3			8,4				149			• 1		1.7					-
Dew Point		855	2956	]	T59	676	3	<b>R</b> 3.	A	9.7	$K^{2}$	5	- 37	49			2.2		. 8		1			

C FOLM 0.26-5 (0

# **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72
STATION NAME
PAGE 1 OBCOM-0800

																					L. S. 7 1
Temp.	WET BULB TEMPERATURE DEPRESSION (F)  0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31													TOTAL		TOTAL					
(F)		1 - 2	3 · 4	5 . 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Pou
80/ 79			l		• 0						. !		l		- 1			1	1		
78/ 77			- 1	1	2	1												13	1.3		
76/ 75	1	• 0	• 2	. 6	• 7	• 2	1	.0		ļ	1		ì	1	Ì	_		54	54	1	
74/ 73	!	2	. 6	4.0	3	1		1			i							76	76	6	
72/ 71	• 1	. 6	1.9	1.4	.6	• 2	.2	• 1										1.56	156	29	
70/ 69	0	1.5	3,2	1.2		,4	1	. 1	.0		0		<u> </u>	ll	]			225	226	8.3	3;
68/ 67	• 3	3.3	2.9	1.3	Ģ	• 4	.3	• 1					Ì	1	ì			281	281	202	10
66/ 65	-,6	3.3	2.8		. 9		3	1						<u> </u>				321	321	292	.21
64/ 63	. 4	3.0	2,2	8.4	1.1	• 5		• 0						l i				275	275	251	27
62/61	6	3.0	1.9	1,4	1.1	6		0					<u></u>		l			270	270	263	24
60/ 59	, 5	2.4	2,5	1.6	1.0	• 5	, 3	.0					1				1	277	277	274	
58/ 57	5	1.9	2,2	1.6		5		.0					<u> </u>	<u> </u>	i			247	247	241	27
56/ 55	• 1	1.6	1.0	1.9	1.0	.3	.0	.0										211	211	268	18
54/ 53	2	1.3	1,2	1,3	.6	, 3	2	.0					<u> </u>		]			160		214	
52/ 51	, 2	• 9	1.3	1.0	.7	• 3	. 1	]		1			1	1			]	140	140	192	20
50/ 49	,2	,7	1,2	. 8	. 4		.0							!			L	108		168	
48/ 47	• 1	1.0	1,3	,9	.4	.1	,0											117	117	168	13
46/ 45		• 7	. 8	. 6			Ì	<u> </u>	<u> </u>	<b>.</b>			<u> </u>	<u> </u>	]		<u> </u>	74		134	
44/ 43		. 3	.7	- 00	, 2 , 0	. 1	Ţ	[									1	49	49	115	
42/ 41	1	. 4	. 7	. 2	, Ó		l	<u></u>					<u> </u>	lf			l	44	44	86	
40/ 39		. 2	, 3	• 1			i	;	ì ——	1			Ì				Ĭ	19	19	70	10
38/ 37		, 1	, 1	l	<u> </u>	<u> </u>	<u> </u>	<u></u>	<u> </u>	l			<u> </u>	<u>                                     </u>			L	8	8	43	9
36/ 35	.0			.0	1	1	1	·					]					2	2	22	8
34/ 33				L			<u> </u>	<u>i</u>	İ				<u> </u>	ji			<u> </u>			5	
32/ 31			,0	1	1		]	}		i							]	1	1	1	3
30/ 29			l	]	<u> </u>	<u> </u>		<u> </u>	<u> </u>	]			<u> </u>	]]			<u> </u>			1	3
28/ 27					1		1	[		[							[		Ţ		1
26/ 25					L		<u> </u>	<u> </u>	l	Í		Ĺ	İ	<u> </u>			L				l i
24/ 23				ļ	[				I				}	T							1
22/ 21			l	<u> </u>	<u> </u>			<u> </u>	i	]	<u> </u>	}	ì	)	ll		<u> </u>	İ	]		]
20/ 19					T	1				[											i
TUTAL	3,6	26.8	29.8	20.4	11.5	5,3	1.9	.6	.0	_	.0		Í	1 1			ł		3130		312
							T	1	1	1								3129		3129	
				<u> </u>		<u></u>	<u> </u>	<u> </u>			<u> </u>			11		L	<u> </u>				
Element (X)	Σ×,			Zχ		X	₹ .		No. Obs.					Mean N	Mean No. of Hours wit			ture			
Rel. Hum.	19164072					77.014.1		01 3129		10F 132F		1 32 F			73 F	≥ 80 f	≥ 93	F	Total		
Dry Bulb	11652824			189238		60.	60.5 8.2				.0		23.2 4.		4,1						
Yet Bulb	10119968					56,2	56,2 8,4				,1		9	9,2							
Dew Point	9051220			165188		88		10.2				3.0		4,2		. 1					

FOEM 0.26-5 (OLA) REVISED PREVIOUS EDITION

SAFETAC FOLM 0.34

DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USÁF ETAC AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 90/ 89 86/ 85 65 65 109 109 80/ 204 204 78/ 245 295 295 313 312 251 226 251 67 66/ 65 226 64/ 63 186 186 62/ 283 61 172 155 155 269 58/ 93 80 80 40 15 69 61 106 56 30/ 28 23 21 Dry Bulb Wet Bulb

water water the survey

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 37-41,43-72 0900-1100 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Poin Temp. 20/ 19 18/ 17 16/ 15 TUTAL 7.612.516.116.716.511.7 7.3 3.5 3127 3127 3127 3127 ₫. C C £ 8 ŝ Element (X) 58.117.398 69.4 8.136 3124 3127 Ret. Hum. 11474315 1<u>81363</u> 217137 187744 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Dry Bulb 15284763 59.7 Wet Bulb 11465058 60.0 7.857 3127 90 Supplemental Section in a second con the way to second in the second second

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 92/ 91 90/ 89 88/ 87 90 90 86/ 85 178 <u>178</u> 84/ 83 258 258 82/ 81 343 343 80/ 79 78/ 77 320 320 299 76/ 75 234 17 55 234 73 255 255 727 203 204 204 ( 70/ 69 181 181 348 310 318 68/ 67 120 160 160 66/ 65 154 154 190 64/ 63 117 117 326 62/ 61 113 82 291 279 60/ 59 289 82 245 57 58/ 201 200 567 55 199 146 29 29 186 53 54/ 162 52/ 51 143 144 50/ 49 48/ 41 153 46/ 45 43 28 125 35 41 40/ 121 38/ 37 36/ 35 100 34/ 33 32/ 31 78 30/ 29 28/ 21 26/ 25 Element (X) Mean No. of Hours with Temperature Rel. Hum. ±0 F ≠ 32 F Total Dry Butb Wet Bulb - 10 m

A Comment of the section of the section of

# PSYCHROMETRIC SUMMARY

13821 STATION	MA	VMER	L AF	5	TATION N.	AME	317 1 00	mekt		37.	4134	3=16		YΕ	AR5						HT NT
																		PAGI	2	1200 HOURS 1	<u>=</u>
Temp										DEPRE								TOTAL		TOTAL	_
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	D
24/ 23		-		l						1											r
22/ 21						l								l i	l			i			l
20/ 19					i		+-			<del>   </del>				<b></b>			<del>                                     </del>				Γ
18/ 17				1			-			1											l
16/ 15					<b></b>		<del> </del>			<del> </del>							<del> </del>				r
TOTAL	. 7	4.3	3.6	5.1	5.6	8.0	411.0	16.2	17.0	13,	9.1	3.5	1.3	. 2					3127		L
12172		110				~ * * .	****	1		1	- <del>* * *</del>		4.7.					3127		3127	۲
1 1				İ	1	1	1	\		1			<b>\</b>	١ ١	1		1	3141		3761	١
l							<del> </del>				<del> </del>		<del></del>				<del> </del>			<del></del>	<del> -</del>
ļ ,				ļ									ĺ	1 1							١
l		<del></del>		<del> </del> -	<del> </del>	-	<b></b>	<del> </del>		<del> </del>	<del> </del>		<del> </del>	<del>                                     </del>			<del> </del>			}	ŀ
1				İ			1	i i		1			İ	Ì l			İ			l	l
<del> </del>				<del> </del>			<del> </del>	<del></del>		<del> </del>			<del> </del>				<del> </del> -				H
1				İ	1		1			1	<b>!</b>		<b>!</b>	l !			1	\ \		ł	l
l			<u></u>	<u> </u>	<del> </del> -	-	┨	<del> </del>		<del> </del>			<b> </b> -				<del> </del>			<del> </del> -	╁
1 !		1					i	1		1	ł				ĺ						!
l		ļ		ļ		ļ	<b>↓</b>			<del> </del>	<u> </u>		├	<b> </b> _			ļ				ļ.
1		i .	1				1			1	İ			i i						İ	l
				ļ		ļ	<b>↓</b>			ļ			<u> </u>								Ļ
1					1			i	İ	1							1			ļ	Į
11				<u> </u>	<u> </u>	<b></b>	<u> </u>			<u> </u>	<b></b>						<u> </u>				1
1		İ	1	ļ	ļ		İ	1		1				1 '	1		•			İ	١
					L	<u></u>	<u> </u>							<u> </u>			.				Ļ
		i	1		l	ł		1	İ		1	l			1		1	l i		l	l
						<u> </u>								<u> </u>	L						L
1			l		1	1	1	1	l	1	1		ļ	1			1			1	1
1 1		1	l	] _	1	]	1	<u> </u>		1	<u> </u>		<u> </u>	<u> </u>			<u> </u>			<u> </u>	L
										1	i		1	1				- 7			1
		İ							L	<u></u>	L	L	L	<u></u>				L			L
		Ī			1												1				ſ
1		ļ				1	1	1	ļ	1	ļ	İ		1							
		Г	<del>                                     </del>	i	T	i –	1		i	1		i		Ι			1	I		T	Τ
]		1					1			1	l	Ì	I	l			1			1	1
		<del>                                     </del>	i	<del>                                     </del>		t	1	1	i	1	<del>                                     </del>			1			-	1			T
1			1						ļ					1			1	1		ļ.	1
Element (+)		Σχ²			ZX	ΉТ	<u> </u>	- F	<del>'</del> —	No. 01	35.		<u></u>		Meon No	o of H	lours wit	h Temperat	ure		_
Rel. Hum.			7313		1502	97		18.4			27	± 0	F	± 32 F	≥ 67		≥ 73 F	2 80 F	z 93	F	T
Dry Bulb			4861		2335	45	74	8.2	39		27		-		73.		57.0			$\dashv$	_
Wet Bulb		1203	8127	<del> </del>	1926	37	61	7.5	58	21	27		<del></del>		26		2,1	-214	<b></b>		_
Dew Point		1503	2313		1625		arec	7,2	70		27			6.1	5		64.4	<del> </del>			_

## **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 APR
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700

Temp						WET	BULB 1	EMPER	ATURE	DEPRE	SSION	F)						TOTAL	1	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31		Dry Bulb	Wel Bulb	Dew Poin
94/ 93											i	,0			i			<del>                                     </del>	1		<del>                                     </del>
92/ 91	i										.0	, 0	.0	)				1 3	1 3		l
90/ 89								•0	.0	, 2	<del>,</del>	, 2	• 1		i			21	21	i	<u> </u>
88/ 87			' i		i i	' i	. 1	• 2	. 6	1.0			. i	.0	1	l	i	97		ĺ	ĺ
86/ 85						•0			2,2	1,3			. 4			i		207	207		<u> </u>
84/ 83				•0	.0	. 2		1.9			1.1	.7	. 8					293			
82/ 81					.3	• 5	1.8	1.8		1.7	1.9				<u> </u>	†	<del>                                     </del>	344			
80/ 79	1		.0		.3	1.2	1.5	1.3		1.5	1.8	.7	. 2			ĺ	ĺ	318			1
78/ 77			,0	• 2		.6		8.	1,6		1.2							245			i
76/ 75	I		. 1	. 5	. 8		1.0	• 9	1.2	1.5				1	[		ĺ	256			1
74/ 73		• 1	• 6				, 9	•7	1.3	1.3			• 0				$\Box$	260			2
72/ 71		. 2	0 8	. 6		.7	.6	.6		1.2	1.0							232			8
70/ 69	- 1	• 4	• 9	• 7				•6			,					<u> </u>		178	178		
68/ 67	.0	. 4		, 4			. 2	. 7	1,1	,7	, i			1				164	164		
66/ 65	,0	• 9	, 3					• 4	.6	. 5		•0		Ĭ	i –		i	133	133		
64/ 63	1	.7	. 3	. 3	. 1	. 3	,3	.7	. 4	, 3	L ¯			[				104	104	315	254
62/ 61	•0	. 7	, 2	. 3	, 3	• 3	.4	, 6	, 5	, 2				Π			Ĭ	104	104	329	251
60/ 59	.0	. 4	, 3	. 5		. 2	. 1	. 4		• 0	<u>l</u>				<u> </u>		<u> </u>	73	73		
58/ 57	. 1	• 4	• 2	• 1	. 2	. 2	• 1	. 2									\	43	43	235	212
56/ 55		• 0	. 2	• 1	.2 1	• 0	. 1	. 1			<u></u>			l			<u> </u>	19			175
54/ 53		• 0	. 1	• 0	. 2	• 1	• 0										1	16	16	154	185
52/ 51		• 0		• 1		1								j	<u> </u>	<u> </u>	<u>L</u>	8	8	130	143
50/ 49		• 1				• 1												5	5	100	162
48/ 47		, 1												<u></u>			<u> </u>	2	2	69	
46/ 45				• 1							1			1	1	ļ		3	3	52	130
44/ 43											<u> </u>			<u></u>	1		<u> </u>			1.4	
42/ 41											ļ.			Ì				1		10	
40/ 39											<u> </u>			<u> </u>					<u> </u>	2	128
38/ 37											]			•		]	]	]		1	101
36/ 35											<u> </u>			<u> </u>						<u> </u>	86
34/ 33											_				1	1	1				79
32/ 31									ļ		<u> </u>	<u> </u>			<u> </u>	ļ	<u> </u>		<u> </u>		49
30/ 29														1							52
28/ 27				ļ					L,		<u>L</u>	L	L	<u>L</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u></u>	18
Element (X)		Σχ²			Σχ		X	**	_! .	No. 01	55.							h Tempero			
Rel. Hum.						_			_ _			± 0	F	≤ 32 F	≥ 67	F '	73 F	≥ 80 F	2 93 ·	F	Tatal
Dry Bulb									_						ļ	_					
Wet Bulb						_ _			_ _				_ _		1	_		ļ			
Dew Point				,		- 1		1	1 '						1	1		1	1	1 -	

TAC FORM 0.26-5 (

SAFETAC 101

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 37-41,43-72 1500=1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | 26/ 25 24/ 23 22/ 21 13 22/ 21 20/ 19 18/ 17 16/ 15 14/ 13 12/ 11 TOTAL 4.4 5.0 4.8 5.0 7.1 9.413.117.115.610.8 4.9 2.1 3129 3129 3129 3129 No. Obs. Mean No. of Hours with Temperature Element (X) 8064968 17862590

3129 3129

3129

10F

± 32 F

47.119.066 75.1 8.121

61,6 6,930

147232

235046

192765

12025671

267 F 273 F 280 F 293 F

90

90 90

58.8

õ 0.26.5

Rel. Hum.

Dry Bulb

Wet Bulb

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 37-41,43-72 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 88/ 87 86/ 85 84/ 83 31 31 82/ 81 80/ 79 168 168 75 .0 290 290 73 1 308 308 340 68/ 67 272 272 346 109 331 66/ 65 270 270 233 64/ 63 204 204 287 266 62/ 61 180 252 180 304 247 150 150 58/ 57 279 188 56/ 55 • 1 54/ 53 5<u>6</u> 185 179 <u>56</u> 52/ 51 50/ 49 174 43 29 43 103 78 45 129 38/ 37 94 36/ 35 81 34/ 33 32/ 31 30/ 29 26/ 25 14 22/ 21 Dry Bulb Wet Bulb Dew Point

**はいたからないないないないないというかい** 

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 PAGE 2 1800-2000 D B. W.B. Dry Bulb WET BULB TEMPERATURE DEPRESSION (F) Temp TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 20/ 19 18/ 17 TUTAL 7.8 8.911.315.016.916.711.5 7.3 2.6 3124 3123 3123 3123 ಠ 0.26.5 Element (X) No. Obs. 3123 3124 3123 Rel. Hum 11964790 14941442 59,317,736 68,7 7,608 59,7 7,218 185200 5 0 F ≥ 67 F ≥ 73 F 214738 186401 90 Dry Bulb Wet Bulb 11288301 18.3

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 37-41,43-72 PAGE 1 TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) Temp. D.B. W.B. Dry Bulb Wet Bulb F 9 - 10 11 - 12 3 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 \* 31 80/ 79 78/ 77 318 70/ 69 68/ 67 66/ 65 62/ 61 60/ 59 58/ 57 56/ 55 54/ 53 50/ 49 48/ 47 46/ 45 36/ 35 34/ 33 32/ 31 30/ 29 28/ 27 26/ 25 2.415.220.324.020.110.6 5 5 7 5 Element (Y) Mean No. of Hours with Temperature 196505 71.015.225 63.4 7.302 20F ₹ 93 F Rel. Hum. ≥ 67 F ≥ 73 F ≥ 80 F Dry Bulb 57.7 90 Wet Bulb 10.3 

Martin Committee of the

## **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-71 MAY
STATION STATION HAME
PAGE 1 0000-0200
HOURS (L, S, T, T)

Temp.											DEPRE								TOTAL		TOTAL	
(7)	0	1 - 2	3 - 4	5 - 6	7 - 8	9.1	0 1	1 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Diy bulb	Wet Bulb	Dew Po
82/ 81						i	1		•0		i	i	i						1			1
80/ 79			.0		i .c	┆.	3		'-	)	.0		ŀ	j	j	1 1		) '	12	1 12		1
78/ 77			• 1	.3	1.5		2	•1	i	i	1	i							32	32		i –
76/ 75	. 1	.2		1.4	1.5		2	·i	٠. ا	ł	1	Ì	ŀ	Ì	1	1 1		) 1	135	135	5	il
74/ 73		, 8		3.6	1.0		3	. 1	·										300	300		
72/ 71	. 1	3.2			1 7		3	. 2	. 1	1			Ì		l	ÌÌ			435			2
70/ 69	, 2						6	, 1		i	1			1	1				491	49]		
68/ 67	. 3			2.2			2	•0		Ì	1		1		}	i i		1	432	432		33
66/ 65	, 5	4.0	3.9	1.8	1.0		2	,0			1		i	1	1				382			
64/ 63	. 2		2.4	1.6		١.	2	. 0			1	!	l		1				245	247		
62/ 61	, 2	1.9	1.9	1.5	.4		1				1				1				190	190		
60/ 59	, 1	1.7	1.4	1.4	.4		1			1				1	1	] _ ]		1	161	16		2
58/ 57	• 1	1.1	1.3	8.	. 2	7	2					[	[		Ī				117	117		
56/ 55	1	.6		.7	3		d	_	ļ					1	Ι.			Ì	90			20
54/ 53		• 4		,5	. 3	*						l							66			
52/ 51		_,3	.6			1 _	ı.			<b>i</b>	Ì		<u> </u>		j	l _			38			
50/ 49		, 2	, 3	.2	. (	į –	Т				i		·						23			10
48/ 47		_,1	,1	0		1	1.	_	]		1	١.	]	<u>.</u> .	] .	1 1		)	5		50	
46/ 45				,0	X		7				Ĭ	i -		Ī	1				1		24	
44/ 43	_		<u> </u>	<b>.</b>			1			<u> </u>	İ				1	11		1			4	
42/ 41			Ĭ	i			Т				1	Γ			Ī						2	
40/ 39		i	<u> </u>	Ì	<u>l</u>	1	_ ] .			<u> </u>	l	Ì	l	l	1	L l		Ì	L	L	<u>l                                     </u>	<u> </u>
38/ 37			1	1			7		I	1	Γ -		i –	Ī							-	1
36/ 35		l		<u> </u>	<u></u>	<u> </u>					<u> </u>				<u> </u>	<u> </u> _				L		
34/ 33			i	i			Т				T				[			i –	i	ļ		
OTAL	2.0	27.8	34.1	22.5	9.5	2.	9	6	2	L _	٠.,	<u> </u>	<u> </u>	Ì	<u>l                                     </u>			]	<u>l                                   </u>	3158	3	31
				]			Т				1				]				3157		3157	7
			<u> </u>		<u> </u>						1		<u></u>	Ĺ	<u> </u>	<u> </u>		l		<u></u>		<u>L</u> _
							7											Ī			1	
		l	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_]_		]	<u>l</u>	<u> l</u>	l		l	<u>l</u>			<u> </u>		<u> </u>	<u> </u>	<u> </u>
						I			1												1	1
l		<u></u>			<u> </u>				<u> </u>									<u> </u>	L			
					1	}	T													I	1	
		<u> </u>	<u> </u>	<u> </u>	<u> </u>	Щ.	ᆚ			<u> </u>	<u> </u>	L	<u></u>	<u> </u>	1		L	<u> </u>	<u> </u>	<u> </u>	ل	<u> </u>
Element (X)		ΣX,			z <sub>X</sub>			X	·,		No. O					~			t Tempera			
Rel. Hum.		2086	2246	<u>k</u>	2544	424	8	0.6	10.6	52		57	₫ 0	F	≤ 32 F	≥ 67		73 F	> 80 F	≥ 93	F.	Total
Dry Bulb			5928		210	326	_ 6	6.8	5.9	38		58				54		14.1		2		
Wet Bulb			15027		1983	353	- 6	2.8	5.9	73		57				30	. 5	4				
Dew Point		1106	8239	)	1906	563	6	0.4	6.5	72	7 1	.57				1 16	. 3	. 2			7	

USAFETAC FORM

## **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGUMERY 37-41,43-72 MAY

STATION STATION NAME

PAGE 1 0300-0500
HOURS (L. S. T.)

<del></del>							BULB			05005								TOTAL		70741	
Temp. (F)					7 - 8								00 01	25 - 26	2 201	20 20			0. 0.1	TOTAL	Dew Point
	0	1 . 2	3 - 4	5 - 6		9 - 10	11 - 12	13 - 14	13 . 10	17 - 18	19 - 20	21 - 22	23 - 24	23 - 20	27 . 20	29 - 30	731		DIY 0010	WET 5015	Dew Form
78/ 77		2	. 3	• 4	.2		ļ .		ļ	(								1 4	1 39	ļ	
76/ 75		2							<del> </del>	<del> </del> -							<del> </del>	30 151		8	5
72/ 71	• 0			1.5	.3	• 1	•0		Į					l (			[	291			
70/ 69	<u>•1</u>			1.4	9 2		<del> </del>			<del> </del>		<b> </b> -						486			32
68/ 67				1.4			,		1			<b> </b>	i '		. 1		1	479			
66/ 65	.8	6.4	3.3	1.5		•1	1		<del> </del>								+	390			
64/ 63	. 8		3,1	1.1	.2 .3		1						}		i 1		1	315	316	381	486
62/ 61	,4	4.3	2.5	.9	.3	•0	<del> </del>	·	-	<del>                                     </del>							1	270			307
60/ 59	. 3		2.7			"	+0							1 1			1	239			
58/ 57	.2	2.1					1			<del></del>							†	135			
56/ 55	. 2						<u></u>			1		L						124			
54/ 53	.2	1.1			•1				I		I							101			
52 / 51	1	1.0					<u> </u>			<u> </u>							<u> </u>	72	72		117
50/ 49	•0	. 8		.4	1	•0	i		]	1		ì					1	56	56	93	95
48/ 47					Q		<u> </u>	<u> </u>	<u> </u>	<u> </u>	l	<u> </u>					<u> </u>	26		60	97
46/ 45		•2	•2	•1	l	1	ļ			ļ	]	l	]				1	14	14		
44/ 43	0			<u> </u>		]	<u> </u>	<u>                                     </u>	<u> </u> -	<del> </del>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		ļ	<del> </del>	2	1 3	26	
42/ +1		1	1	}	!		}	1	1	1	1	1	1	1			1	1	1	7	22
40/ 39				<b> </b>		<b> </b> -	<del> </del>	<del> </del>	<b>├</b>	<del> </del>	<del> </del>	<del> </del> -	<del> </del>					<del> </del>	<del> </del>	3	34
38/ 37	i		İ			}	1	[	1	}	ļ			1 1			1	1	1	1	9
36/ 35 34/ 33				<del> </del>	<del> </del> -	}-~	<del> </del>	<del> </del>	<del> </del>	¦	<del> </del>	<del> </del>	-				╂	<del> </del>	<del> </del>	<del> </del>	<del> </del>
28/ 27		1		}			1	1	i	1	1	1		1			1	1	1	ł	2
TUTAL	3.8	43.9	35.7	12.9	3,1	.4	.2		<del> </del>	-		<del> </del>	<del>                                     </del>				<del> </del>	<del> </del>	3188	<del> </del> -	3186
-: 20	2.0		,			•	1	1	1	1	1	<b>!</b>	{	1	ļ :	1	1	3186		3186	
				<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del> </del>		<u> </u>	1	744		2.194	<del> </del>
1 1			<u> </u>	1		-			<b> </b>	1	ļ	ł	1			[	[	1	1	ļ	1
			i	1		i				1							1		1		
			<u></u>	<u>i</u>	<u> </u>	İ		L		J	<u>L</u>	<u> </u>		<u></u>			<u></u> .	1	1	<u></u> _	<u> </u>
				1				Γ													
]		<u> </u>					<u> </u>					<u> </u>	ļ	<u> </u>				<u> </u>			
1 -		1	· -	_	1		1		1	1		]	}			1			1	1	1
		Ļ.,	<u> </u>	<del> </del>	<u>Ļ</u>	ــــــــــــــــــــــــــــــــــــــ		<b> </b>	<del></del>	يبل	<u></u>	ــــــــــــــــــــــــــــــــــــــ	<u> </u>	L	ــــــــــــــــــــــــــــــــــــــ	<u></u>			<u> </u>		<u> </u>
Element (X)		2x1	3339	<b> </b>	2713	71	¥ 85,2	, H . B		No. 01	86			- 20 F				h Tempere		-	Total
Rel, Hum Dry Bulb			4284		2056	93	64.5	5.2	1.0		88	= 0		± 32 F	267	•0	2 73 F	≥ 80 F	- 93	-	93
Wet Bulb		1224	480	<del> </del>	1964	87	61,7	6.3	36		86					•4			$\dashv$		93
Dew Point			3207		1906		39.9				86		<del> -</del>	.0		• 7	2	<del> </del>			93
DEM FOINT	L			ــــــ	* ( )	77		1	251			<u> </u>		• •		161		<u></u>			

AFETAC FORM 0.26:

TAC

\*LATHER SERVICE/MAC

はある

#### PSYCHROMETRIC SUMMARY

3239

- L.J. 38 70

13821 MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME MAY HTHOM 37-41,43-72 0600=0800 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp (F) 4 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 D.B. W.B. Dry Bulb Wet Bulb Dew Pour 1-2 3-4 5-6 7-8 88/ 87 80, 85 84/ 83 13 13 82/ 81 46 46 UO/ 79 110 .0 110 78/ 77 187 187 76; 75 74/ 73 304 304 819 368 368 72/ 71 1,8 249 78 1.0 402 402 70/ 69 421 421 454 229

2.9 58/ 67 362 362 517 427 424 56/ 65 283 477 283 337 54/ 63 1.6 223 223 400 • 6 62/ 61 224 224 291 156 60/ 59 118 118 270 89 89 186 57 234 185 56/ 55 151 55 55 • 1 54/ 53 119 45 131 45 52/ 51 24 24 72 127 45 50/ 49 03 441 47 33 • 1 46/ 45 69 44/ 32 43 42/ 41 40 40/ 39 18 38/ 37 16 36/ 35 34/ 33 10 32/ 31 TUTAL 1.010.124.024.026.2 8.8 3239 3239

Hr. Obs. Elémer (X) 75.63.2.261 69.0 6.597 63.3 6.281 244770 18963972 3239 ≥ 67 F 273 F 280 F 293 F Kel. Hum. ± 32 F ≤ 0 F 15579191 29.7 223617 63,8 93 Diğ Buib 206755 23.1 3.1 3239 93 Wet Bulb 93

OM 0-26-5 (CLA) R. PEC PRIVOUS EDIT ONS OF T

£

USAFETAC FORM AS

## **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 MAY

STATION STATION NAME

PAGE 1 ORDON-116

PAGE 1 0900-1100

Temp											SSION (							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 · 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poir
96/ 95		ĺ	i									• 0						1	1	ļ !	1
94/ 93								• 0	• 1	. 1	• 0		, 1					9		<b></b> '	<b> </b>
92/ 91							•0	•0	• 2	• 1	. 2	• 1	. 1	.0				29			1
90/ 89							• 1	•2	. 8	.7	• 4	• 2	• 1		• 0			78		ļ!	
88/ 87				ĺ	.0	٠l	.4	1.2	2.0	. 8	• 4	• 2	, 2					171			1
86/ 85					• <u>l</u>	. 5	2.1	2.2	1,5	1.1	• 6	• 2	_•₫					207			
84/ 83				ارا	. • 4	1.8	3.1	2.4	1,3	. 8	4 M	• 2	• 1					340			ĺ
82/ 81			•0		1.2		2.6		1.3		9.5	. 2	• 0					358			<b> </b>
80/ 79		ا ا	• 0	9	3.1	3.0		1.6	1.0	• 4	,5 .3	• 1						428		3	1
78/ 77		•0	<u>, 2</u>	1.8	2.4	2.4		1.2	1.0		6.3							362			
74/ 73		. 1	1.0	2.0	1.8	1.8	1.0		• 1	, 6 , 5	• 2			!				310	310	9	
72/ 71		- 3	1.0	1.3	7	.9	•6	1.4	• 4			•0						229 191		552	
70/ 69	.0		1.1 .6 .5	. 6	• •	1 . 3	1 .7	,6	4	i	.0	ĺĺ		ĺ				154		547	
687 67	- i		-5	• 6 • 4	-4	• 3	-4	• 5	- 3	• 0				<del> </del>			<del> </del>	95			
66/ 65		.6	ż	.3	.4	.2	5	1	i									84			
64/ 63	.1		2	• 1		1 2	.4			<del> </del>						<b>.</b>		45			
62/ 61	••	"	, 2 , 2	, ż	• <u>1</u>	•2	1	٠.		1				į .	l i		1	27			
60/ 59		.2	•1	, 1			•1	•1	-	- <del>-</del> -								24			
58/ 57		.1	• 2	.0	.1	i	i	''										16			
36/ 55		• 1	• 1	·	<del>-</del>	• 1	<del></del>	<del>                                     </del>						<b>†</b>	<del> </del>			8	<del></del>		
54/ 53		, 1	•		.1													5			
52/ 51								<del>                                     </del>										1		43	11
50/ 49		ļ					ļ	ļ		•								1		17	9
48/ 47		i																		5	
46/ 45																			l	8	1
44/ 43						i											i				6
42/ 41									L					<u> </u>				L			4
40/ 39									[		i			ĺ	[I						5
38/ 37														<u> </u>				<u> </u>			2
36/ 35																	1			1	1
34/ 33									L	ļ								<u> </u>		! <del>!</del>	1
327 31																			1		
30/ 29		ـ ــــــــــــــــــــــــــــــــــــ				<u> </u>	<u> </u>		<u> </u>		L	1		<u> </u>			L	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Element (X)		ΣX¹		ļ	z x		₹	<b>"</b> A		No. Ol					,			h Tempera			
Rel Hum.				<b>!</b>		[_		ļ				± 0 F		≤ 32 F	≥ 67	F	73 F	≥ 80 F	e 93 l	ř	Total
Dry Bulb				<u> </u>		i_		<b> </b>	_				_ _					<del> </del>			
Wet Bulb				<u> </u>				<u> </u>										. <del> </del>	_		
Dew Point						L		<u> </u>	i_							_!_		<u> </u>			

FOEM 0.26-5

いとは、 とならとうといればいとなるのである しょうこう しょうしゅんしゅんかんか

7

TEX

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABANA/MONTGOHERY 37-41,43-72 13821 MAY 0900-1100 HOURS (L. S. T.) PAGE 2 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 28/ 27 TUTAL 3232 3231 3232 €. €. No. Obs. Mean No. of Hours with Temperature Element (X) 11053585 19829181 14570206 182731 ± 0 F Rel. Hum. 56,514,952 267 F | 273 F | 280 F 3232 78.0 6.845 66.9 5.869 252149 216174 3231 3232 93 93 Dry Buil 87.0 74.3 Wet Bulb 57.6 93

CONTRACTOR ASSESSMENT OF THE PROPERTY OF THE PARTY OF THE

## PSYCHROMETRIC SUMMARY

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

STATION STATION NAME

PAGE 1 1200-1400

Temp.						WET	BULB T	FMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 . 8		11 - 12						23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb		Dew Point
98/ 97							<del></del>		<del></del>	-	. 1		•0			1		5	5		
96/ 95		- 1		' i			- 1	- 1		, 2	. 1	, 3			.1	.2		37	37	1	
94/ 93								•0	. 2	. 3	. 8	. 8	.6		• 2			99	99		
92/ 91	- 1						• 0	. 1	. 2	1.1	1.7	1.2			, , ,			180	180		
90/ 89							.0	1.0	2,3	2,4	2,6	1.4	, 6		•1			342	342		
88/ 87	1		ì	1		• 0	.6	1.8	3.6	2.6	1.9		. 3	.1	.1			395	395	1	1
867 85						• 4	1.6	2.8	2.8	2.2	1.7	1.0	. 4			<del> </del>		421	421		
84/83	- 1			• 0	. 1	1.0	2.2	2.8	1.5	2,2	7.2	. 6						348	348	ĺ	
82/ 81			. 0	• 1	• 4	1.3	2.0	1.4	1.5	1.1	• 9	• 6				1		306	306		
80/ 79				. 6	8.	1.7	1.3	1.4	1.3	, 9	.7	. 2	. 1			ŀ		291	291	2	
78/ 77			. 2	, 3	1.1	. 8	.6	1.1	1,0	, 9	, 6			i			1	220	226	26	
76/ 75		, 2	• 2 • 3	. 6	۱.۱ گ	. 5	. 4	• 4	. 5	.6				)			1	158	158		3
74/ 73	.0	.2	• 0 • 4	• 4	. 4	. 2	• 1	. 4	• 7	,4	• 3	• 0				<del></del>	[	124	124		17
72/ 71	- <u>• 1</u>	. 3	, 4	. 3	. 2	• 2	. 4	.3	. 5	. 4	.0				_			94	94	581	82
70/ 69	• 1	. 4	. 3	• 3	. 3	. 3	. 2	• 2	• 3	• 1								77	77	572	194
68/ 67		• 2	. 3	. 3		• 1	• 1	, 2	. 2	.1						l		52	52		
66/ 65		. 4	• 2		•0	- 1	. 2	• 2	, 1									37	37		
64/ 63		• 1		• 1	. 1	• 0	. 1	• 1	• 0	<u> </u>					L			16	16		374
62/ 61	• 0	, į	.0				• 0										1	Ć	6		
60/ 59		. 2	• 1			0												11	11	139	
58/ 57	• 0						İ			ł	<b>!</b>			1	ĺ	1		6	Ó		
56/ 55		.0	, 1															4	4		
54/ 53										l	ļ	Į		[	ļ	Į.		1		45	
52/ 51		l								<u> </u>				<u> </u>		.		<u> </u>		23	
50/ 49										1						j				4	
48/ 47			ļ								<u> </u>			ļ	<u> </u>			<u> </u>		1 1	87
46/ 45			}									l		1		1		1			91
44/ 43			ļ	L						<u> </u>	<u> </u>	<u> </u>	L	<u> </u>	<u> </u>	<del> </del>	ļ	<del> </del>			66
42/41									ĺ						1					1	52
40/ 39		<u> </u>										<u> </u>				<u> </u>				ļ	52
38/ 37		1		:		\ ·					ļ				ļ			1	l	1	52 32 22
36/ 35		<u> </u>	<del> </del>	<u> </u>	<u> </u>	<u> </u>		<b> </b>	<u> </u>	<del> </del>	<del> </del>		<u> </u>			<del> </del>	<del> </del>		<b> </b>	ļ	22
34/ 33						1			l								-				14
32/ 31		77	<u></u>		<u> </u>	<del></del>	<u> </u>	<b>-</b>	<u> </u>	No. 01	<u></u>	L	L	⊥—	<del></del>	No6.11	<u> </u>	1 7	<u> </u>	Щ	<u> </u>
Element (X)		Σχ'		<del> </del>	z <sub>X</sub>		X	<u> </u>		No. 01				- 22 5	$\overline{}$			h Tempero			Taral
								├				± 0	-	± 32 F	≥ 67	<del>' -   - '</del>	73 F	≥ 80 F	± 93	-	Total
Dry Bulb Wet Bulb								<del> </del>										<del> </del>	-		
Dew Point						- -		<b> </b>							<del> </del>	-		<del> </del>	-		
Dewroint								<u> </u>							Ь—			ــــــــــــــــــــــــــــــــــــــ	——		

AC FORM 0.26-5 (OLA) REVISED MENIOUS EDITIONS OF THIS FORM ARE OLS

SAFETAC 101

22244781 14923795

267301 219027

82.6 6.996 67.7 5.405

Mary 1 garden

MARINESONA & SOCIETY ...

#### **PSYCHROMETRIC SUMMARY**

MAXWELL AFB ALABAMA/MONTGUMERY
STATION NAME 37-41,43-72 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) Temp (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 30/ 29 TUTAL 9,913,616,714,613,3 3235 3235 3235 õ No. Obs. Mean No. of Hours with Temperature Element (X) 7938088 Rel. Hum. 152268 47.115.440 3235 ≤ 0 F ≥ 67 F ≥ 73 F ≥ 80 F z 93 F

3235

3235

90.7

84.3

Dry Bulb

Wet Bulb

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC MAY MAXWELL AFB ALABAMA/HONTGOMERY 1500-1707 HOU, 1 (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | D.B. W.B. Dry Bulb Wet Bulb Dew Poin 98/ 97 96/ 95 330 92/ 91 33c 90/ 88/ 87 84/ 83 82/ 80/ 79 75 76/ 70/ . 1 .0 60/ 31 48/ 40/ 38/ 34/ No. Obs. Rel. Hum ≤ 0 F ≤ 32 F Dry Bulb Wet Bulb

Carried States and States

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 7 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 30/ 29 28/ 27 TUTAL 7.610.616.013.514.4 3233 3240 3240 3240 Element (X) 47,217,262 82,4 7,207 67,4 5,061 152871 266840 3239 3240 Rel. Hum. 8179885 10F 267 F | 273 F | 280 F ≥ 93 F 22144630 14791256 90.5 83.2 63,3 93 Dry Bulb 3240 218300 Wet Bulb 59.3 93 93

an and the state of the state o

4 DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HAXWELL AFB ALABAMA/MONTGOMERY 1800-2000 Hours (L. S. T.) PAGE 1 Temp (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 94/ 93 92/ 91 90/ 89 88/ 87 106 86/ 85 . 6 . 6 .0 163 163 84/ 83 233 82/ 81 324 358 358 78/ 365 365 76/ 75 349 349 74/ 73 72/ 71 323 323 169 268 268 70/ 69 241 68/ 67 158 520 360 63 437 118 118 409 64/ 63 324 235 387 62/ 61 337 60/ 59 58/ 57 128 266 1.5 15 80 216 54/ 170 55 50/ 89 48/ 60 50 38/ 36/ 35 34/ 267 24/ 23 Dry Bulb Wet Bulb

4 3 3 8

## **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 MAY
STATION STATION NAME YEARS MONTH

PAGE 2 1800-2000

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poin
TOTAL	, 5	5,8	8.8	9,7	1 i • 8	15,3	15,2	13.5	9,4	5,6	3.1	1.1	, 3	25 - 26 • 0				3238	3239	3238	3238
						l															}
																					<del>                                     </del>
																					<del> </del> -
	<del> </del>																				<del> </del>
	ļ				<u> </u>											<u> </u>			ļ		<del> </del>
				<u> </u>																	
	·			<del></del> -			<del> </del> -		 												
	<u> </u>			<b> </b> -	<del> </del>												<del> </del> -	<u> </u>			ļ
			İ			}							]		'	}	]	}	]		}
				i																	
	<del> </del>							<del> </del> -			<del> </del>			-			<del> </del>		-		<del> </del>
	<u> </u>		<u> </u>	<u> </u>	<u> </u>		<u> </u>	<b> </b>					<u> </u>			<u> </u>	ļ	<b> </b>	<u> </u>		<u> </u>
			ļ		1			1					1	}			ļ	1			1
<del></del>	1-					<u> </u>												 	<u> </u>		
	<del> </del> -	<u> </u> -	<del> </del>	ļ			├	<del> </del>		├	<del> </del>	<b> </b> -	<del> </del>	-		<del> </del>	<del> </del>		<del> </del>		<del> </del> -
						<u> </u>							<u> </u>								<u> </u>
			ļ		}			1			]			Ì			}	]			
	1		i		$\vdash$		1						ĺ				<del>                                     </del>				
Element (X)	+	Z <sub>X</sub> ;		├	ZX	4	<u> </u>	j	<del></del>	No. Ol	)s.	<b>L</b>	<u> </u>		Meon	No. of H	ours wit	h Tempero	iture	L	ــــــــــــــــــــــــــــــــــــــ
Rel. Hum.	1	1234	7388	1	1926	48	59.5	10.5	41	32	38	₫ 0	F	≤ 32 F			73 F	≥ 80 F		F	Total
Dry Bulb	1	1892	2564	}	2465	02	76.1	16.7	48	32	39				85	.0	65,8	31,	2	• 1	9:
Wet Bulb	1	1418	7417	1	2136	43	66,0	5.3	10	32	38					. 3	5,6				93
Dew Point	1		1511		1940	77	59.9	7.6	42		38			. 2		.6	. 2			$\neg$	9:

th 0.26-5 (OL A) ethisto methods softhis form

ETAC FORM 0.24.

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72 HAY 2100-2300 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp (F) D.B. W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 88/ 87 85/ 85 0 84/ 83 .0 14 14 82/ 81 <u>50</u> 50 80/ 79 , 1 .0 135 135 78/ 77 245 76/ 75 .0 .0 370 370 74/ 73 434 434 42 4.1 727 238 71 452 48 • 0 452 70/ 69 424 520 424 2.6 590 58/ 67 322 322 66/ 65 . 0 467 557 214 64/ 63 362 396 165 165 62/ 61 293 269 126 126 60/ 59 93 187 299 58/ 57 65 162 222 65 56/ 55 .0 35 35 95 191 .1 53 98 26 132 52/ 51 61 122 50/ 49 36 21 95 48/ 47 66 47 41 43 42/ 38 40/ 39 12 38/ 37 10 36/ 35 32/ 31 307 TUTAL 1.913.620.422.618.913.0 6.8 2.3 3184 3184 0.26.5 3184 3184 Zx1 17498884 No. Obs. Element (X) 232158 Rel. Hum. 3184 10F ≥ 67 F ≥73 F ≥ 80 F ≥ 93 F ≤ 32 F 70.4 5.965 64.4 5.632 93 93 15885574 224096 3184 71.6 Dry Bulb 36,6 13314825 205117 3184 Wet Bulb 40.9 11943288 3184 60.8 7.046 93

The state of the second

海後

#### **PSYCHROMETRIC SUMMARY**

MAXWELL AFB ALABAMA/MONTGOMERY JUN 0000-0200 HOURS (L. S. Y.) PAGE 1

Temp						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.8.	Dry Bulb	Wet Bu b	Dew Point
86/ 85 84/ 83				•1	. 1 . 1	, 2												2 12	2 12		 
82/ 81			.1	. 9	1.2	• 1	- 1											49			i
80/ 79		• 1	2.1	2.1	1,2	• 2 • 2 • 5		• 0							!l			176			
78/ 77		1.4		3,9	1.6	• 2	• 1											364	365	25	
76/ 75	• 0	3.7	9.4	4.6	1.6	5	• 1	•0		ļ								608		186	
74/ 73	• 2	8.0	8,1 5,3	2.9	ļ • ļ	• 2	• 1	• 0		1								634	634	441	
72/ 71	. 5	9.0	5.3	2.0	, 6	•3 •1												538	538	782	369 728
70/ 69	, 5	4,4	3,2 1.9	1,3	6	• 1	•0											301	301	673	728
68/ 67	• 1	2.1	107	• (	• 0	<u>• 1</u>											<u> </u>	166	166	388	
66/ 65	•0	.9	. 9 . 8	•6	. 1 . 0	• 0									i		į .	76		217	297
			. 0			• 0			<u> </u>								<del> </del>	58		124	204
62/ 61 60/ 59		.6	, 6 , 4		* 1	• 0												41	41 20	93	143
58/ 57				•0	, a	• •								<u> </u>			<del></del>	<u> </u>		<u>73</u> 25	
56/ 55			.0	.0													į	7 4	2	10	51
54/ 53										<del> </del>		l		-	i		<del> </del>	- <del>-</del>			22
52/ 51	ļ							l	ı									l		ء ا	6
50/ 49										1										3	6
48/ 47										ļ		!!			! !			!		2	5
44/ 43														i —				<u> </u>			3
42/ 41															<u> </u>						1
40/ 39										1											2
TOTAL	1.3	31.2	37,0	19,3	8.1	2.0	- 4	1		<u> </u>									3053		3051
																		3051		3051	
										<del>                                     </del>											
										$\vdash$							<del>                                     </del>				
									 	<del> </del>			—								
										<u>                                     </u>				<u></u>			<u> </u>				
Element (X)		ΣX'			Σχ		X	*x	T	No. Ob	5.				Mean t	lo. of H	ours with	Tempero	ture		
Rel. Hum.		2148	1937		2545	29	83.5	8.8	90	30	50	± 0 1		32 F	≥ 67	F	73 F	# 80 F	e 93 I	F	Total
Dry Bulb		1639	9058	1	2233	90	73.2	4.1	85	30					84	•1	54.4	4.	5		90
Wer Bulb		1479	9689		<u> 2121</u>	31	69,5	4.0	72	30	51				73		19.2				90
Dew Point		1406	0883		2066	23	67,7	4.7	13	30					63		9.1				90

#### **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-41,43-72

STATION STATION NAME

PAGE 1 0300-0500
HOURS (IL. S. T.)

Temp										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poir
82/ 81 60/ 79		. 1	1,1	• 0														2 52	2 52		
78/ 77		1.2	3,5	• 7	.2	•0											i	175	175		l
76/ 75	- 2	5,1		104	.2	• 3					<u> </u>						<u> </u>	429	429		
74/ 73 72/ 71		3.0				• 1		1	]									688	688		
70/ 69	• 7	8.4	5.8		- 5	•1			<u> </u>	├	<del> </del>		<b> </b>	<u> </u>	i			655	655		
68/ 67	6	4.0	3.2		2	.0		ĺ	Ì									448 277	448 277	715 423	770
667 65		1.4	1.9		.2	• 0			<del>                                     </del>	<del>!</del>	<del>                                     </del>				<del>  </del>			132	132	276	522 302
64/ 63	. 1	1.6	1.1	• 2	,2 ,2	, ,												98	98		
62/ 61		1.1		• 1				i			<del>                                     </del>	<del>                                     </del>		-				51	51	116	
60/ 59		. 6		• 1	<u>.</u>		<u></u>	ļ						i				42	42	98	
58/ 57		• 5	• 1	• 1														20	20		78
56/ 55				• 0					<u> </u>	<u> </u>								1	i	32	50
54/ 52	- 1		• 1	• 0					ŀ									4	4	7	28
52/ 51 50/ 49			<u>\$</u>	•1			<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>						5	5	2	<u>11</u>
48/ 47	İ							j												3	9
46/ 45	<u>i</u> -						<del> </del>	<del> </del> -			<del> </del>	<del> </del>			<del> </del> -i		<u></u>				2 2 2
44/ 43	-							ļ	[			]					[			4	5
42/ 41					i			<del> </del> -			<del>                                     </del>	<b></b> -									2
40/ 39	ļ														li						1
DTAL	2.74	7.7	38,4	8.7	2.0	• 6													3079		3079
										<del> </del>					<del> </del>			3079		3079	
										<del> </del>	<u> </u>	<u> </u>									<u> </u>
<u>-</u> -								ļ		L	<u> </u>	<u> </u>							-,-		
														•							
																					i
Element (X)		x,	L		z <sub>x</sub>	<del>' T</del>	<del> </del>	- x	<del>'                                    </del>	No. Ob	L	<u> </u>	Щ_	L	Meno N	o of H		Tempera			1
Rel. Hum.			5028		2689	60	87.4	7.2	22	30	1	± 0	F :	32 F	≥ 67		73 F	≥ 80 F	≥ 93	F	Total
Dry B	i	573	4054		2197	22	71.4	4.2	03	30					79		39.3				90
Wet Bulb	1	458	8868		2115	18	68.7	4.3	54	30	79				68	2	13.5	<u></u>	<del>-</del>	-	90
Dew Point		2114	1909		2073		67.4	1 4 12	60	70	79				61		8.0	<del></del>		<del> </del> -	90

AC FORM 0.26-5 (OLA) "

STATE OF THE PARTY

## **PSYCHROMETRIC SUMMARY**

158E		MA	XWEL	L Ar	8 AL	ABAM	A/M[	NTGO	MERY		37-4	100	3-72		YE	ARS				<del></del>	MON	UN VTH
																			PAGE	1	0600 HOURS (6	=080
Temp							WFT	BULB	EMPER	ATURE	DEPRES	SION	(F)						TOTAL		TOTAL	
(F)		0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18 1	9 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
94/ 9		i			1		١.,	. 2	• 0										1	1 9		!
88/ 8	7						.3	.3	• 1	,0									21	21		
85/ 8				ļ <u>.</u>		وم_[	. 8		<u>• č</u>		<u> </u>		ļ		<u> </u>			<del>  </del>	71	71		<del> </del>
84/ 8 82/ 8			•0		2.9		1.5	, 4 , 4	•1	.0						.			159 278	159 278		ł
80/ 7 78/ 7			• 1	2,5	200	3.1	1.1		• 1										396	396	17	
6/7			2.5	H	3.0	1 6	130								<del> </del>			<del> </del>	501	501	132 374	
74/7		ا،	3.7		2.1	1.0	96		• 1	,0				ļ				ļ :	936 415	536 415	679	1 3
72/7		- 3	3.4	3.	1.6	9	-4						<del> </del>		<del> </del>		_	<del> </del> -	311	311	658	6
70/ 6		,3 ,2	1.0	2.0	1.4	5	.3		- 0						-				195	195	489	
68/ 6	7	. 2	1.1	. 8	. 8	.3	,3		• 0										109	109	287	4
66/ 6 64/ 6		-1	5	2	3 3	0.0			•0	<u> </u>	<del>  </del>							<del> </del>	65	65	188	
62/ 6		1	• 1 • 2	• 6	. 2			,0											25 19	25 19	132 76	
60/ 5	9	i	o j				∯ •0	<del></del>										1	10	10	50	1
58/ 5 56/ 5				• (	) • 0	ļ <u>-</u>	. 0	ļ			<del> </del>		-		<del> </del>			├──	<del> <u>-</u> </del>	—— <u> </u>	<u> 24</u> 7	
54/ 5	3			,	1	.0	]												3	3	5	
52/ 5																					3	
50/ 4				ļ. —	<u> </u>		<u> </u>						L	<u> </u>	<del> </del>			<u> </u>	<u> </u>		3	<u> </u>
48/ 4		ļ				l	Į				} [		]	ļ	ļ			1	} }		1	l
46/ 4					<del>├</del>		<b> </b> -	<b> </b> -		<del> </del>	<del>  </del>		<del> </del>	<del> </del>	—			<del>}</del>	<del>  </del>			
42/ 440/ 3		1		ļ	ĺ	ł				!				ł	ĺ			1				ĺ
UTAL	1	. 8	14.1	30.5	25,3	16.5	8.4	2.7	1,2	•2									3125	3125	3123	31
Element ()	x)		Σχ'			Σχ			7,		No. Obs					Mean I	lo. of h	lours wit	h Temperat	ure		Ĺ
Rei Hum.				6163		2432		77.8	10.4	59	312		± 0	F	± 32 F	≥ 67	F	73 F	≥ 80 F	2 93 1	F '	Total
Dry Bulb				981		2370		75.9	5.0	07	312					86		68,7		3	•0	
Wer Bulb				701:		2208		70.7	4.3	05	317					75		34.6				
Dew Point	1		1400	8982	21	2130	98	68.2	5.1	28	312	26		1		65	. 21	14.5	1	1	i -	

FORM 0.26-5 (OL A) IENSED MENOUS EDITION

## PSYCHROMETRIC SUMMARY

13821 MAXHELL AFB ALABAMA/HONTGOMERY 37-41,43-72

STATION STATION NAME

PAGE 1 OP00-11G0
HOURS IL. 5. 7 1

Temp						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)			~			TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. %.B.	Dry Bulb		Dew Point
100/ 99			-	i							, 1							2	2		
98/ 97					1					. 1	i	• 0	. 1	ıl I				10	10		
96/ 95									. 2	. 2	, 2						i -	20	20		i 1
94/ 93				l	٠0,	- 0	. C	• 6	.7	• 2 • 7	. 2				İ	ĺ	1	79	79		ļ i
92/ 91		— i			.0	•0	. 8	1.6	2.1	, 8	, 4		• 1				<del> </del>	188	188		
90/ 89				1	• •	.5		3.5	1.9		. 5				i			302	302		
88/ 87				.0	• 4	2.4		3.7	1.7	. 6	. 5	• 1	•				†	457	457		i
86/ 85			İ	. 2	1,7				1.0		. 3	. 1	'					499	499	1	}
84/ 83			• 0	. 4	3.3	5.0		1.5	. 8	. 4	• 2	.0						434	434	2	1
82/ 81			-1	1.2	3.8	2.6	1.9	. 9	. 5	. 4		]						353	353	8	i
80/ 79		• 1	, 5	2,5	2.7	1.6		8,										307	307	127	2
78/ 77	٠,0	, Ź	1,3	1.4	1.0	• 9	.4	• 4			.1	İ					1	184	185	395	
76/ 75		.5	, U	• 7	• 5	• 3	č.	• 2	, 1	, 1				T				112	112	747	140
74/ 73	. 2		, 5	. 5	. 2	• 1		• 1	•0			i			ĺ		<u> </u>	81	81	751	
72/ 71	, 2	, 5		• 2	• 1	• 1	• 1		• 2		-	l	i		1		1	55	55	421	
70/ 69	• 1	. 2	• 1	. 1	•0	.0	•0	• 0	_,1					1				23	23	287	
68/ 67	• 1	• 1		• 1			.0									i		10	10	176	
66/ 65	• 1	• 2								L			<u></u>	<u> </u>		L		9	9	103	
64/ 63			• 1															3	3	67	
62/61		.0							L	<u></u>	<u> </u>	İ	<u> </u>	<u>i</u>	i		<u> </u>	1	1	26	
60/ 59		!										1			i					14	
58/ 57		<u> </u>					<u></u>					<u></u>	<u> </u>					<u> </u>		11	
56/ 55							i l		l		İ	l		1		1		!		5	
54/ 53															<u> </u>		<u> </u>	ļ		1	35
52/ 51							i '				1	1		1	l		1	!			25
50/ 49							<u> </u>				! ;						<u> </u>	<u> </u>			12
48/ 47														1				] ]			5
46/ 45		<u> </u>					<u> </u>			<b> </b>		<u> </u>		<del> </del>			<b>-</b>				9
44/ 43		ĺ									İ	1	1	1	]			1 1			8
42/ 41							<u> </u>					<b> </b>	<u> </u>				<b></b> _			<u> </u>	Ê
40/ 39			 								l					i i	1				1
38/ 37		 	7-3		- 13 D	10-7	00 =	- E	100	<u> </u>			<u> </u>	<del>,  </del>		<u> </u>	-			<del> </del> -	1 21 25
LOTAL	, ,	2.5	4.0	1.4	13.2	r o • o	18.5	12.7	10.2	5,1	2.7	1 .5	•	4 .1					3130		3129
		<u></u>	<u></u>			L	<u></u>		L	<del>ل</del>	L		<u>.                                    </u>	.1	L	1		3129		3129	L
Element (X)		Σχ <sup>2</sup>	ATJA		Z X	-	X 40 4	7,7		No. 01								h Temperal			
Rel Hum.			9180		1888		60.4				27	± 0	F	± 32 F	≥ 67		× 73 F	≥ 80 F	* 93		Total
Dry Bulb			7193		2626 2285		83.9			- 51	30				89		87.1			• 2	90
Wet Bulb							73.0			<u>بارد</u>	29		-			.5	58.0				90
Dew Point	}	1420	1991	1	2127	<b>→</b> 11	68.0	1 2 4 2	ולט	31	29		1		03	• 8	14.9		L I	ł	90

TAC FORM 0.26-5 (OLA)

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** ATR WEATHER SERVICE/MAC MAXWELL AFR ALABAMA/MUNTGOMERY 37-41,43-72 1200-1400 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 104/103 102/101 100/ 24 24 98/ 97 79 79 90/ 95 209 .0 209 94/ 93 337 337 91 486 486 90/ 89 489 489 £ 887 3.2 87 424 424 86/\_85 332 332 212 83 212 81 80/ 1.0 125 126 133 78 440 76/ 795 66 68 69 676 71 32 436 486 32 70/ 69 273 <u>573</u> 162 11 509 • 1 11 65 109 42 20 63 251 55 73 53 50/ 48/ 10 45 44/ 43 40/ Element (X) Mean No. of Hours with Temperature Rel. Hum. Dry Bulb Wet Bulb

A STATE OF THE STA

water the state of

#### **PSYCHROMETRIC SUMMARY**

Element (X) Mean No. of Hours with Temperature 51.414.395 87.9 5.995 8915088 24276685 3124 3128 140714 Rel. Hum. : 0 F ≤ 32 F ≥ 67 F ≥ 73 F | > 80 F ≥ 93 F 274929 89.8 Dry Bulb 88.2 81.1 Wet Bulb 16861214 229200 73.4 3.812 3124 84.5 59.4 90 13951234 207956 3124 90 Dew Point

FETAC FORM 0.26-5 (OL A)

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 1500-1700 HOURS (L. S. T.) PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 104/103 102/101 98/ 97 100/ 37 37 96/ 95 212 212 • 1 94/ 93 343 92/ 91 408 408 90/ 89 407 407 88/ 87 369 369 86/ 85 262 262 83 225 225 184 11 99 338 80/ 184 184 78 116 725 703 113 67 110 72 51 544 328 191 69 530 67 495 65 66/ <u> 100</u> 391 42 20 252 201 63 61 59 57 58/ 70 32/ 48 41 39 40/ Mean No. of Hours with Temperature ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. Dry Bulb

#### **PSYCHROMETRIC SUMMARY**

MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 37-41,43-72 JUN 1500-1700 HOURS (L. S. T.) PAGE 2 TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 TUTAL 4.0 5.3 6.8 6.2 7.110.813.915.113.1 7.6 3.5 1.3 3122 3120 3119 3119 No. Obs. Element (X) Mean No. of Hours with Temperature 9531976 23848276 52.716.704 87.1 6.694 164368 272062 3119 3122 ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. 76.8 Dry Bulb 89.8 87.7 90 72.9 3.687 84.8 54.1 Wet Bulb 16635507 227495 3119 90 13774528 206466 3120

#### **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGO IERY 37-41,43-72 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000

																				HOURS	L. S. T.
Temp.								FEMPER										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
00/ 99													. 1					2	2		
98/ 97				i 1						. 1	. 1	- 1	ō					7	7		
96/ 95			i					•0	.1	, 1	, 3	, 1	.0					20	20		
94/ 93								. 2	. 4	. 8	4	• 1	- 1	. 1	- 1			56	56	,	
92/ 91						•0	• 1	1.1	. 8	.9	.4	• 3	• 0	.0				113	113		
90/ 89			i .			.3	9		1.4	1.0	Â	. 2	. 2	•			•	195	195	1	1
8/ 87			1		. 1	1.1		2.2	1.3	1.0	. 4	• 2	. 1					263	263		T
86/ 85				1 .1	.7	2.7		2.2	1.3	. 8	. 4 . 5	. 1	1 "	1				350	350		i
84/ 83			• 1	.4	2.0			1.7	1.1	. 4	. 1						i	365	365		
82/ B1			.3	1.6		2.6	2.0		. 6	. 3	1	l						370	370	3	1
0/ 79		•0		3,3		2.2		•7	• 4	• 1	, 1						<u> </u>	372	372	47	
18/ 77		.3		2.8	2,0	. 9	.7	. 5	. 2	, 1	` "	ł					1	310	310	215	
76/ 75	•1	1.4	2.8	2.1	.0		, 3	• 2	. 1	• 1								257	257	492	
74/ 73	, 2		2.1	1.1	.7	. 4		• 0	, 1	.0		1					]	246	246	735	3
72/ 71	, 2	1.8	1.0		, 2			• 1									i	119	119	647	
70/ 69	,0	1.8	.2	.4	i	. 1	i	• 1	.0								l	51	51	469	
58/ 67	, 1	. 2	.0		.0		i	,1										11	11	243	
66/ 65	. 0	.0	.1				.0		l i								1	7	7	144	
64/ 63		. 2																5	5	76	
62/ 61	.0	.0	H	]			Ì		<u> </u>			l		<u> </u>			]	2	2	25	ī
60/ 59							ĺ													14	1
58/ 57			<u> </u>														<u> </u>			.6	
56/ 55			İ							1									-	5	
54/ 53																	<u> </u>			1	
52/ 51																	i				
50/ 49			<u> </u>			<u> </u>								<u> </u>			<u> </u>				
48/ 47			i –														I				
46/ 45		L	<u></u>																		<u></u>
44/ 43		_	] _				1	]													1
42/ 41							L											<u> </u>			
DIVE	.7	7.6	10.3	12,2	12,4	14.4	12.9	12.1	7.9	5.6	2.7	• 8	, 4	•1					3121	l	31
}			ļ	<u> </u>		<u> </u>		<u> </u>	ļ	<u> </u>	<u> </u>						<u> </u>	3121		3122	4
ł										ĺ											
lement (X)		Σχ2	<u> </u>	<del> </del>	Σχ	$\vdash$	X	<b>₹</b> ,	<del>'</del>	No. Ol	£,			<u> </u>	Mean I	No. of H	ours wit	h Temperal	ure		ــــــــــــــــــــــــــــــــــــــ
Rel. Hum.		1368	3813	از	2006	83	64.3	15.8	48	31	22	≤ 0 1	F ] ;	≤ 32 F	≥ 67	F	73 F	≥ 80 F	≥ 93 I	-	Total
Dry Bulb		2081	6570		2542	06	81.5	5.9	77	31					89	.6	84.4	56.	1 2	. 5	
Wer Bulb			0664	,	2243	84		3,7			22		$\neg$		82		43.0				
Dew Point			5421		2100		67.3			31						.7	11.6			$\neg$	

IC FORM 0.26-5 (OLA) RIVISIO RIVINGUS EDITIONS OF THIS FORM I

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 13821 MAXWELL AFB AL

Wattransach Barendan

## **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MUNTGUMERY 37-41,43-72 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 2100=2300

Temp.						WET	BULB	TEMPER	RATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6	7 . 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Por
90/ 89						•1	•0		-	T				İ				5	5	i	i —
88/87					.1	• 2	. 4	•1	1	.0				l				27			
86/ 85					Ö	1.3	.4	. 1	.0									74	74	Ī	
84/ 83				• 7	1.8	1.4	.6	• 2	,1					l				148			<u> </u>
82/ 81		• 1	.4	1.9	3.1	1.6	• 8	• 3		Ī								250	250	1	
80/ 79		• 1	2.2	5.0	3.8	2.1	. 8	• 4	•1					<u> </u>				446		14	
78/ 77		• ?	4.9	5.7	3.6 2.3	1.6	. 8	• 3	•0									541	541	85	11
76/ 75	• 1	2.4	5,9	4,9	2,3	`,7	.0	• 2	l					<u></u>				523		31>	8:
74/ 73	• 2	5.5	5,3	2,5	, 9 , 7	. 5	, 3	• 1				1						468			
72/ 11	. 3	4.1	3.2	1.3	• 7	.4			<u> </u>					<u> </u>				310			
70/ 69	.0	1.7	1.1	1.1	. i	• 2								1	<b>1</b> 1			143			651
68/ 67	•0	• 7	.6	• 6	• 1	•1	.0		<u> </u>				<u> </u>	ļ				65			
66/ 65	• 1	,3	• 4	•3	. 3 0,	•0	.0					Ì		1				41			323
64/ 63		, 2	,4 ,4	•1	.0	.0	.0	ļ	<u> </u>					<u> </u>				24	<del></del>		190
62/ 61		.0	۰۴	•0		•0	'( I					ļ	ļ		1			9	9		
60/ 59		<u> </u>		•0			<del>                                     </del>			<u> </u>								<del>}</del>	<del>                                     </del>	28	
58/ 57 56/ 55			.0			1	ł											1	۲ ۱	1.5	
54/ 53				<del> </del>		<del></del> -	<b>├</b> ──		<del> </del> -	<del> </del>				<del> </del>						3	27
52/ 51		1	'			1	•	}	1	}	İ	1	<b>\</b>	}	1 1		<b>\</b>		1	1 5	10
30/ 49		····	<del> </del>			<del> </del>	<del> </del>	<del> </del>	├	┼──	<del> </del>		<del> </del> -	<del> </del>					<del> </del>		
48/ 47			1			1			1	1				l					1		1 ;
46/ 45		-		<del> </del>		<del>                                     </del>	<del>                                     </del>		<del>                                     </del>	<del> </del>			<del>                                     </del>	<del> </del>			<del>                                     </del>		<del> </del>	<del> </del>	
44/ 43		1		l							1	1					į				
42/ 41							1		<u> </u>	i		ГТ									
TOTAL	,7	15.7	24.5	24.2	17.8	10.2	4.9	1.8	.3	.0		l	]	]					3076		3076
										T								3076	i -	3076	
								<u> </u>												ļ	
		1					1			ł	•	•		1	1 1					1	
		ļ	<u> </u>	<u> </u>	<u> </u>	<u> </u>	ļ	<u> </u>	<u> </u>	ļ	<u> </u>		<u> </u>	<del> </del>			<u> </u>	ļ	ļ	<del> </del>	<b> </b>
		l															l	1			1
		<del> </del>	<del> </del>			<del> </del>	<del> </del>	<del>                                     </del>	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del> -	<del>  -                                   </del>		<del> </del> -	<del> </del>	<del> </del>	<del> </del>	<del> </del>
												ļ								1	1
Element (X)		ZX'			Σχ		<u> </u>	•,		No. O		٠		ــــــــــــــــــــــــــــــــــــــ	Mean N	o. of H	outs wit	Tempera	ture		
Rel. Hum.		1844	6899		2356	09	76,6	11.4	08	30	76	₫ 0	F	≤ 32 F	≥ 67		73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb		1795	0293		2345		76,3			-30	76				87		72,6	21.	4		9
Wer Bulb		1542	6995	ഥ.	2175		70,7			-30					78		31.1				9(
Dew Point		1431	3048		2093	30	68.1	4.6	88	30	76				64	1	11,8				9

FOFM 0.26-5 (OL A)

SAFETAC

## **PSYCHROMETRIC SUMMARY**

MAXWELL AFB ALABAHA/MONTGOMERY

Temp							BULB											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
94/ 93				I							.0							1.	1		
86/ 85			<u> </u>			0			0	ł								3	3		<u> </u>
84/ 83			1	, 1	.2	.0	.9								1			9	9		i
82/ 81			1 9		5	2	1			<u> </u>				[[				89	89		[
80/ 79		. 5		3,5	1.0	•1	!			1								300	300		1
78/ 77	0		9,4	4.3	.6	1		.0						<u> </u>				505	565		
76/ 75	, Э	12.4	12.3	2.1		•0	.0			İ								870	870	414	
74/ 73	7	15.	6.6	1.5			.0			<u> </u>								784	785		64
72/ 71	. 6	7.1	3.0	,7	.3	• 1			İ		į į							372	372	965	108
70/ 69	,2	1.3	1,0					<u> </u>	ļ	<u> </u>								103	103		
68/ 67		• 3 • 3	1	, 3	, î	1					1						1 1	33	33		
66/ 65	0				.0					<u> </u>								1.5	1.5		
64/ 63		• 0	, · j	•0	•0	ĺ			ĺ								!	5	5		1
62/61						<u> </u>	<u> </u>		ļ	<u> </u>										1.0	
60/ 59			ļ			1			ļ		1						<b>i</b> I			4	:
58/ 57			<u> </u>	<u> </u>	ļ					ļ	<u> </u>								ļ	3	
56/ 55				1					1					i i					l		1
54/ 53			ļ	<u> </u>	ļ	ļ	<u> </u>		<u> </u>	<u> </u>	<b>]</b>									ļ	<u> </u>
52/ 51			<u>.</u>	l										! !					İ		ί.
OTAL	1,8	40.6	38.1	14,2	4,2	6	. 2	-0	.0	<u> </u>	0						ļ		3150	ļ	31
			Į.			İ	İ	i	i	i	i			1				3149	l	3149	1
						<b> </b> _			ļ	ļ	ļ									<u> </u>	<u> </u>
ļ							ļ			i										1	ĺ
				·		<u> </u>				ļ	<u> </u>								<u> </u>	1	<u> </u>
l		İ		ĺ	1	l	1			l					li				l		
			.ļ.——	<u> </u>	<del> </del>	ļ	<b>!</b>		<u> </u>	<u> </u>	<u></u>									ļ	i
			ļ																i	1	
		<u>,</u>		<u> </u>	<u> </u>	ļ	<u> </u>	<u> </u>	<u> </u>	ļ							<u> </u>				ļ
1		l	1	1	1					l	1								Į.	1	
			.	·	<b> </b>	<b>!</b>		<u> </u>	<u> </u>	<u>i——</u>	<u> </u>		<u> </u>	ļ						ļ	<u> </u>
						1		!									l i				
			<u> </u>	<del> </del> _	<u> </u>	<u> </u>	<b> </b> -	<u> </u>	ļ	ļ	<u> </u>		<u> </u>				<u> </u>		ļ	ļ	<u> </u>
		i	1	1	1	i		1		1			1	! '			1		1		1
El (Y)		Σχ²	<u></u>	<del> </del>	ZX	<del></del>	X	•,	٠	No. Ol	<del></del>		L	L				Tempera	L	<u> </u>	<u> </u>
Rel Hum			26293		2717	20	X 86.3				49	± 0 1	F	± 32 F	Mean N ≥ 67		73 F	> 80 F	≥ 93	F	Total
Dry Bulb		1780	1519	<b>;</b>	2366	19	75.1				50		<u>'</u>	- J2 F	92		77.4			•0	10101
Wet Bulb			6330		2268		72.0	2.7	71		49				88		44.0		-	• •	
Dew Point			14889		2225	11	70.7	7 1	92		49				85		24.8	<del> </del>	+		
		* = / -	7,40	ــــــــــــــــــــــــــــــــــــــ		**	· Y • !	- 44 1	<u> - 5∞1</u>		77.1	-			ال ال		C4 + 0	L			

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL APB ALABAMA/MONTGUMERY 13821 STATION 37-41,43-72 0300-0500 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 82/ 81 80/ 79 78/ 77 787 353 775 353 .0 761 75 13.4 775 • C 73 71 835 1019 543 1019 .0 1069 076 598 598 720 351 211 70/ 69 211 550 68/ 232 67 80 80 158 71 66/ 65 31 31 81 63 62 31 13 50 32 62/ 61 60/ 59 58/ 57 56/ 55 53 54/ 52/ 51 4.057.431.3 0.0 1.1 TUTAL 3168 3168 3168 3168 0.26.5 No. Obs. 28276 25362941 89.3 6.283 3168 ≥ 73 € ≤ 0 F 73.6 2.769 71.3 2.895 70.2 3.294 91.3 87.3 17185537 3168 3168 65,2 32,9 233157 Dry Bulb 93 16124063 225825 Wet Bulb 15049397 222415 3168 82.9 93 19,9

was a supply of the supply of

4

MAXWELL AFB ALABAMA/MONTGOMERY

# PSYCHROMETRIC SUMMARY

3141104				3	IAIIUN N	AME									71	AK>					мо	NIH
																			PAG	E 1	0600 HOURS (	-0800
Temp	1					WET	BULB	TEMPE	RATUR	E DEP	ESSIO	(F)							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 1	6 17 - 1	8 19 - 3	20 21 -	22 23	- 24	25 - 26	27 - 28	29 - 30	0 231	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poin
90/ 89			Î			• 1	1						$\neg \vdash$		i — —			i	4	4		
88/ 87					.1	. 3				0	1	-				ĺ		1	24	24	.	
86/ 85		†	†	, 2	1.5					o	1	_			<del>                                     </del>	i	<del> </del>	†	94	94		
84/ 83					3.3	1.0				1			- 1				1	1	210			
82/ 81	<del>                                     </del>	1 .0			2,8	, 8				<del></del>	$\top$	1	$\neg$		1	<del>                                     </del>	i	†	346			i
80/ 79	ŀ								7	1		-			[		1	ļ	508			1
78/ 77		1.8	311.1	4.3	1.0	• 3			il —	†	1-	_						1-	602	602	+	2.6
76/ 75	.3	7.	11.1	2.5	1.0	. 3			1				- 1		1		1		567	667		
74/ 73	1 .3	7.	4.0	1.2	3	• 1		<u> </u>	1	+	1 -		$\dashv$		i —	<del>                                     </del>	_	┪	416			
72/ 71	. 2	3.	2.0	.6	3	i		1							l		1	1	210	210		959
70/ 69	1 .2	1.1		1 .3			k k	1	1	1	1	$\neg$	$\neg$			<del>                                     </del>		1	78			559
68/ 67			2	. 2		''	1		ļ		1	1			l		i	i	26			259
66/ 65		• !			1			1	1	1	$\top$					<u> </u>	<del>                                     </del>	1	5			137
64/ 63		''	i .i	.1			1		1		1					1	ļ	1	1 4	4		69
62/ 61	<b>1</b> – –	• (	,	1 - 1 - 1		<del>                                     </del>		<del>                                     </del>	1-	1	1	1-			<del>                                     </del>			†	1	1		
60/ 59	j	'	1	Į	1	1	1		ļ	İ	1		- 1			l		1	•	•	۱ °۶	
58/ 57	i	†	<del> </del>	†	i		1	1	1	<del>                                     </del>	<del>                                     </del>	_	_		<del> </del>	<del>                                     </del>	<del>                                     </del>	1		l	i	9
56/ 55	1		1	1					1											l	· •	s é
54/ 53	1	i	1	<del> </del> -	i	i —		<del>                                     </del>	1	<del> </del>	1-	+			i		╁──			l	<del>                                     </del>	4
TOTAL	1.0	21.4	34.6	23.7	12.3	5.0	1.3	3 .4		1	1							1		3195	:	3194
	1	1	1	1			-	1	1	-	1					<del>                                     </del>	1	1	3195		3195	
	i	ļ		1	l	ŀ		1		1	1					l		1	3.75	i		l
	1	<u> </u>	1		i —	<del>                                     </del>	<del>                                     </del>	1	†	1	<del>                                     </del>	$\dashv$	_†-	_	<del>                                     </del>	1	<del>                                     </del>	+			<del> </del>	<u> </u>
				ļ	l		ł						-					1		ĺ	}	
	i	1.——— I	1	<del>                                     </del>	<u> </u>		$\vdash$	<del>                                     </del>	┼──	╅	┪	_	_		<del>                                     </del>	-	<del>                                     </del>	+	<del>                                     </del>	1	<del>                                     </del>	l
	1	1	1			1		1		1	ŀ							1		l		1
	<del>                                     </del>	1	1	<b>†</b>	i –	<b>-</b>	<del> </del>	1	1			-	-	_	1	<del>                                     </del>	<del>                                     </del>	1		$\overline{}$	<del>                                     </del>	
	1	1	1	ł	ł		İ	1		1			1			l		1		ĺ		1
	<del></del>	<del>                                     </del>	<del>†                                      </del>	<del>                                     </del>	<u> </u>	<del> </del>	<del>                                     </del>	<del>                                     </del>	+	+-	╅		- -			<del> </del>	<del> </del>	1		<del> </del>	<del> </del>	<b></b>
			1		l		1	1		1			i				ŀ	1		l		
	1	<del>                                     </del>	1	<del> </del>	<del>                                     </del>	<del> </del>	1	╁	<del> </del>		+-		<del></del>		<del> </del>	<del> </del>	<del>                                     </del>	+		<del> </del>		
	1	1	ŀ	1	l		1	l		1	ŀ		-			l		1		1		ŀ
	<del>                                     </del>	1	<del> </del>	1	<del> </del>		<del>                                     </del>	<del> </del>	<del> </del> -	+	╁	-	+-			<del> </del>		+	<del> </del>	<del> </del>	├──	<del></del>
	İ	i		1	l		İ						- 1			!		1		l		1
Element (X)	<del>                                     </del>	Zx1	Щ	1	ZX	$\vdash$	<del> </del>	-		No. (	bs.	┯			<u></u> _	Mege	No. of I	House -11	h Tempera	ture		L
Rel. Hum.	<del>                                     </del>		34377		2593	91	81.7				194	+-,	0 F	1	1 32 F	≥ 67		* 73 F	→ 80 F	≥ 93	F	Total
Dry Bulb	<del>                                     </del>	101/	0886	t	2471	06	77.	3.9	221		195	╁╌	<del></del>	+	- 32 1		.7		<del></del>		<del>`- </del>	
Wet Bulb	t —		6979		2329		72.	2.9	201		195	+	-	+-			.8	83.6	27.		-	93
Dew Point			3792		2266		70.0	3.	176		194			╁			.3	96.9 32.6	<del>                                     </del>	1		93
1 UIM		TOT	,2176		5600	VOI	10.5	200	7 (0)		174	1				0.4	_اد و	32.0	L			93

0.26-5 (OLA) IEVISIO MEVIOUS EDITIO

FETAC FOLM 0.2

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC 13821 MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 0900-1100 PAGE 1 TOTAL TOTAL
D.B. W.B. Dry Bulb Wer Bulb Dew Port Temp. WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 100/ 99 98/ 97 96/ 95 32 32 94/ 93 100 100 207 207 90/ 89 404 404 87 507 507 • 0 86/ 85 364 564 84/ 83 474 474 370 370 80/ 258 121 258 78 77 67 51 67 73 72/ 29 29 70/ 69 68/ 67 66/ 65 63 61 60/ 59 56/

Particular to the second of the second

l l	!!!			I			l	l	1		1	
Element (X)	ΣX2	ZX	X	<b>₹</b> 2	No. Obs.			Mean No.	f Hours with	Temperatu	10	
Rel. Hum.	13715439	206123	64.4	11.759	3201	± 0 F	± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	23221244	272218	85.0	4.724	3201			93.0	92.0	82,3	4.2	93
Wet Bulb	18152953	240879	75,3	2,879	3201			91.9	79.3	3.2	1	93
Dew Point	16241820	227672	71.1	3,897	3201			83.0	38,1	•1		93

0.26-5 (OL A)

53

52/ 50/ 49

48/ TUTAL

4.912.717.321.117.312.3

267 838

1056 541

246

1<u>41</u> 46

3201

3201

363 876

858

481

207

87

Commence of Commence of the

#### **PSYCHROMETRIC SUMMARY**

MAXHELL ALB ALABAMA/MONTGOMERY -1209-1400 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 - 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 | D.B. M.B. Dry Bulb Wet Bulb Dew Poin 106/105 105/103 102/101 100/ 99 10 98/ 97 97 96/ 95 254 94/ 93 411 411 92/ 91 90/ 89 570 570 88/ 87 435 435 86/ 85 3.7 290 290 178 1 7 Å 82/ 81 137 137 Ŗġ/\_ 79 109 78/ 77 982 48 65 65 76/ 75. 57 53 73 40 40 577 70/ 69 94 • 1 663 687 319 66/ 65 ŻŽ 171 63 62/ 61 59 58/ 57 56/ 55 54/ 53 50/ 49 48/ TUTAL 5,210,315,117,515,813,4 7,2 2.5 3.1 3203 3203 .0 2203 **₹** 55 No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. ≥ 93 F 10694539 179897 3203 Dry Buth 88.8 5.514 75.7 2.815 25341902 284356 3203 Wet Bulb 18357258 242316 3203 93

DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 1500-1700 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 17 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Pair 104/103 102/101 100/ 99 37 37 98/ 97 96/ 95 270 270 94/ 93 361 361 5.0 92/ 91 3.1 405 405 90/ 89 389 389 88/ 87 336 336 86/ 85 282 84/ 83 239 239 82/81 80/ 170 207 170 773 137 137 76/ 1048 197 75 118 118 73 <u>571</u> 72/ 71 300 41 759 41 70/ 69 682 68/ 67 52 370 66/ 65 208 64/ 63 161 62/ 61 60/ 59 36/ 55 52/ 51 50/ 49 .8 4.8 7.0 7.3 7.9 8.910.812.313.811.3 8.6 3.8 3209 3210 3210 3210 Element (X) 11880322 188012 58.616.420 3209

87,4 6,570 75,1 2,747 69,7 4,227

3210

3210

3209

280499

240944

93.0

92.3

91.6

78,3

80.0

93

93

\*\*\*

Dry Bulb

24649331

18109582

15061252

AND THE PROPERTY OF THE PROPER

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVIÇE/MAC

# PSYCHROMETRIC SUMMARY

821 MAXWELL AFB ALABAMA/MONTGOMERY 37=41.43=72

YEARS

PAGE 1 1800=2000
HOURS (C. S. T.)

Temp.						WET	BULB	'EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		COTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 16	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poin
00/ 99													• 0	•0				2	2		
98/ 97 96/ 95			├									0						3	3		
94/ 93		i	}				! 	נ. ו	.1	, 3	• 3	• C	.0					23	23 45	}	
92/ 91							.4	9	1.0	7	, 3	, 1	-	, 1				112			
90/ 89				İ	. 1	.3	1.5	2.5	1.5	4	ì							203	203		
88/ 87				•0	1.9	1.9	3.2	2.4	, 8 à	, 3	• Ì	• 0						291	291		
86/ 85			<del></del>	4				1.3	5		فعسا			<u> </u>			ļ	380			
84/ 83		٠,	1 1	1.5	4.3	3.8	1.4	• 7	• 1	• 2								385 383		_	ĺ
82/ 81 80/ 79		. 2	3.	6,3	5 A	1.0		.2	جع								<del> </del>	449		93	3
78/ 77		1.2	3.1	2.6	2 . 8 8	* . 4	1	1	.0								,	362		395	46
76/ 75 74/ 73	.1	3.8	4.1	.8	ڊ. 9	• 1	, 1	,0										296		981	202
74/ 73	2	2.1			0 و		1				L		<u> </u>				<u> </u>	151	151	926	731
72/ 71	. 4	1.9	100	, 2	.0	.0	•0		i		1			İ				103	103	499	
70/ 69 68/ 67	0	• 0			<del> </del>		<del> </del>				<del> </del>			<u>;</u> —			├	1	2	191 64	586 308
66/ 65	70	,,,	1			ļ			•	Ī	!	1	ļ					4	-	32	170
64/ 63				1						i											91
62/61			<del> </del>						<u> </u>			<u> </u>		<u> </u>			ļ	<u> </u>	ļ	6	42
60/ 59		[	ļ	ļ				ļ		Į	l	ļ	ļ	ļ			ļ	i	l	ļ	40
58/ 57			<b>├</b>	<del>                                     </del>		<del> </del>	<del> </del>							<del> </del>			<del> </del>	<del> </del> -		<del> </del>	1.7
56/ 55 54/ 53					•	}	1	1		1	}	İ	1					}			11
52/ 51			1																		ì
50/ 49			<u> </u>	<u> </u>	<u> </u>			<u> </u>		L							<u> </u>	<u> </u>	<u> </u>	<u> </u>	1
DIAL	• 7	10• j	15.9	10,4	14.7	14,2	10.7	8,4	4.8	2.4	1.1	.3	1 1	, 1					3197		3197
			┼──	├──			<del> </del>	<del> </del> -	<del> </del> -								<del> </del>	3197	<del>                                     </del>	3197	
			<u> </u>				<u> </u>			<u> </u>								l	<u> </u>		
		<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del> -			<del> </del>	-	<del> </del>				<del> </del>	<del> </del>		<del> </del>
		<u> </u>	<u></u>	<u> </u>	Ļ	<u></u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	L,	<u> </u>	<u> </u>	<u> </u>	بــــا			<u> </u>	Ļ	<u> </u>	<u> </u>
Rel. Hum.		Σχ1	778		2246	-	70: 7	14.4		No. OI		≤ 0	-	- 22 E	Mean I		73 F	h Tempera	2 93	e	Total
Dry Bulb		2154	57259 5387	<del> </del>	2618	AK	Ris	502	00		96 97	= 0		⊴ 32 F	93		89.7			. 1	93
Wet Bulu		1753	0126		2365	82	74.0	2.6	69	31	97		_		91		69.8		7	4-4	
Dew Point			6980		2256			3.6			97				82		28.6		7		92

FORM 0.26-5 (OLA) HYSED PENOUS EDEN

USAFETAC 100

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

- Charles of the State of the Contract of the

#### **PSYCHROMETRIC SUMMARY**

| 3821 | MAXWELL AFB ALABAMA/MONTGOMERY | 37-41,43-72 | JUL | STATION | STATION NAME | YEARS | PAGE 1 | 2100-2300 | HOURS (IL. S. T.)

WET BUL B TEMPERATURE DEPRESSION (F) (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb 94/ 93 92/ 91 90/ 89 88/ 87 86/ 85 91 91 83 82/ 81 332 .0 332 79 80/ 502 502 78/ 692 692 185 37 654 708 708 3.3 6.1 73 360 360 1116 192 192 70/ 69 • 0 35 304 35 578 <u>. 0</u>) 68/ 66/ 65 63 61 59 62/ 60/ 57 36/ 55 54/ 53 TUTAL 58/ 3164 3164 3164 3164 Element (X) No. Obs. 20945577 Rel Hum. 255537 80.8 9.906 3164 ≤ 0 F ≥ 67 F ≥ 73 F 77.6 3.645 3164 3164 93 92,9 Dry Bulb 19082851 245449 86.0 26.9 230901 Wet Bulb 16872849 90.7 58.1 93 15964927 3164 85.6 93

NA 0.26-5 (OLA) REVISED MEYICUS EDIT

DATA PROCESSING BRANCH USĀF ETAC ĀĮR WEATHER SERVIÇEŅMAC **PSYCHROMETRIC SUMMARY** MAXWELL AND ALABAMA/MONTGOMERY 37-41,43-70 AUG PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 D.B./W.B. Dry Bulb Wet Sulb Dew Point 84/ 83 80/ 287 287 591 848 189 411 .0 848 697 697 <u>006</u> 663 321 321 856 707 67 30 60/ 59 58/ 57 56/ 55 TOTAL 2.341.537.113.4 4.0 1.4 3069 3069 3069 3069 Element (X) Rel. Hum. 86.3 7.723 75.0 3.149 71.9 3.033 3069 3069 230074 75.8 45.3

action actiffs the state of the second or

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXHELL AFB ALABAMA/MINTGUMERY 37-41,43-70,72 Temp (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 292 927 60/ Wet Bulb 

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 37-41,43-70,72 -0600+0800. PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp (F) D.B. W.B. Dry Bulb Wet Bulb Dew 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | \* 31 90/ 89 88/ 87 86/ 85 .0 66 66 168 160 82/ 81 2.6 297 297 80/ 79 445 78/ 76/ 77 31 552 552 75 73 679 626 679 . 8 931 750 . 1 494 494 71 234 678 961 70/ 69 1.1 347 537 112 112 150 68/ 67 53 66/ 65 27 110 154 63 70 107 62/ 61 • <u>1</u> 17 60/ 59 58/ 57 14 56/ 55 54/ 53 52/ 51 TOTAL 3159 1.124.435.522.211.3 4.2 3159 3159 3159 Element (X) 21470241 18585286 258847 241954 81.9 9.081 76.6 4.118 72.4 3.353 3159 3159 ≥ 67 F 2 73 F 2 80 F Rel. Hum. ≤ 0 F Dry Bulb 91.8 80.0 93 52.1 16583270 228636 3159 86,7 93 80,6

The second state of the second

DATA PROCESSING BRANCH USAF ETAC ĀIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 37-41,43-70,72 PAGE 1 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B. W.B. Dry Bulb Wet Bulb Dew Poin 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 1 - 2 3 - 4 5 - 6 7 - 8 100/ 99 98/ 97 96/ 95 37 37 • 1 94/ 93 96 96 92/ 91 198 198 90/ 89 420 88/ 87 6.3 490 490 85 <u> 566</u> 566 83 460 460 350 350 79 246 245 245 77 75 68 76/ 95 95 1033 330 73 788 72/ 71 260 18 • 1 792 70/ 69 148 502 68/ 67 , 1 265 66/ 65 143 64/ 63 113 60/ 59 46 58/ 57 21 56/ 55 54/ 53 52/ 51 50/ 49 .2 2.5 5.810.016.721.318.512.6 7.6 2.9 1.3 OTAL 3159 3159 3159 3159 No. Obs. Element (X) Rel. Hum. 3159 13255735 201223 63.711.779 22889638 17802327 268484 Dry Bulb 85.0 4.746 3159 93.0 92,2 93 236953 Wet Bulb 75.0 3.017 3159 91.4 77.4 93

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY MAXWELL AFB ALABAMA/MONTGOMERY PAGE 1 TOTAL Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 Wet Bulb Dew Poir 104/103 102/101 100/ 99 30 30 98/ 97 118 118 96/ 95 94/ 93 223 223 429 92/ 572 572 547 547 397 397 308 308 203 203 91 91 304 80 80 60 822 76 .0 44 1009 200 482 530 72/ 70/ 259 718 14 14 69 59 Î 68/ 67 63 393 154 63 60/ 59 48 56/ 55 26 53 52/ 51 50/ 49 TOTAL 3.7 5.0 9.213.517.417.514.8 8.0 3.8 1.9 3158 3158 • 0

No. Obs.

3158 3158 3158

≥ 67 F

92.1

≥ 73 F

92.5 78.4

≥ 80 F

≠ 93 F

93

171542

281343 237900

9861850

25150185 17949164

54,313,124 89,1 5,208 75,3 2,955

Element (X)

Rel. Hum.

Dry Buib

A STATE OF THE PROPERTY OF THE PARTY OF THE

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 13821 MAXWELL AFB ALABAMA/MONTGOMERY 104/103 102/101 100/ 99 98/ 97 95 93 92/ 91 90/ 89 87 86/ 85

## PSYCHROMETRIC SUMMARY

PAGE 1 1500-1700 Hours (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 2 - 26 | 27 - 28 | 29 - 30 | ≥ 31 216 216 373 373 3.0 5,4 3.6 1.7 1,0 496 496 460 460 392 392 301 301 84/ 83 211 211 82/ 81 159 159 80/ 209 134 134 78/ 102 102 643 70/ 98 98 1051 183 636 496 72/ 307 71 20 20 657 70/ 188 606 68/ 424 65 36/ 247 64/ 63 189 60/ 59 76 57 55 53 56/ 33 52/ 50/ 49 .6 3.2 4.9 3.7 6.9 8.511.512.915.314.0 9.2 4.7 3152 3153 3153 No. Obs. Element (X) Rel. Hum. 55.915.484 3153 ≥ 80 F ≥ 93 F 10614711 17631 24510620 17673629 88.0 5.927 3152 Dry Bulb 277324 92.4 92.2 75.7 Wet Bulb 235889 74.8 2,861 3153

37-41,43-70,72

0

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 37-41, 43-70, 72 PAGE 1 1800-2000 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 Wet Bulb Dew Poin 98/ 97 96/ 95 93 94/ 37 37 .0 92/ 91 80 80 90/ 89 2.2 180 180 87 284 284 86/ 85 398 398 84/ 83 414 414 82/81 2.3 . 3 483 483 79 433 433 .0 51 346 346 412 869 Œ. 263 263 73 71 74/ 952 151 151 632 72/ 447 862 .0 70/ 19 19 203 570 .0 67 68 297 66/ 65 193 T. 132 62/ 61 71 60/ 59 46 58/ C 57 26 56/ 55 54/ 53 52/ 51 TUTAL 1.1 7.914.118.215.115.111.4 8.7 5.2 2.1 3156 3156 3156 3156 C a 0.26.5 (OL 1 70 EM Mean No. of Hours with Temperature Element (X) USAFETAC 69.614.017 81.9 5.028 73.8 2.896 3156 3156 3156 15895695 21228765 17222694 219569 258353 267 F 273 F 280 F 293 F Rel. Hum. 10F 93.0 Dry Bulb 90.7 63.1 232962 93 Wet Buth 68.6 221854

A CONTRACTOR OF THE STATE OF TH

DATA PROCESSING BRANCH USAF ETAC AÇR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALASAMA/MONTGOMERY 37-41,43-70,72
STATION STATION NAME
STATION HAME

PAGE 1 \_2100=2300

																					L. S. T.)
Temp.				y	,		BULB 1								——-			TOTAL		TOTAL	T
(F)	0	1 - 2	3 - 4	5.6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 • 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wer Bulb	Dew Po
90/ 89					Į i		. 1	• 1		l		1						4	4		ĺ
88/ 87						2	2	1										16	16		
86/ 85			į	• 2	2.3	.6	,3	• 2							i			53	53		
84/ 831			ق ا	1.1	2.3	2.0	. 6	1		<u> </u>								196	196		
82/ 81			1,6 6,2	4.4		1.2	.6	• 1		ł							[	355	355		1
80/ 79		1.0		7.3	3.0	1.0	6		0									592	_592		
78/ 77		3.0	10.4	2.8	1.3	•6	. 4	•0		l	<u>[</u>			!!			3	658	658		
76/ 75	1	7,9		2.8	. 7	•5	i	.Ω•										621	621	670	
74/ 73	. 6	5,9	2.9	1.5	.5	• 1	• 1			Ì				1 1			1	360	360		70
72/ 71	7	1.7			3	0	0	0									ļ	152	152	611	94
70/ 69	, 1	, 5 , 3	.7	.4	.1		<b>i</b> i			İ							i	54	54	252	
58/ 67					-2	i				<u> </u>							<u> </u>	26	26		
66/ 65	.0	. 1	. 1	• 1		] [	1	i		ļ	i I							9	9	73	
64/ 63				0	·		<u> </u>			<u> </u>								1	1	31	
52/ 61			1	1	}	<u> </u>	]				)			)	1		j			10	1 (
50/ 59				<u> </u>						<u> </u>								ļ		7	<u> </u>
58/ 57				Į	1					l	l			1 1			ł	į .		įı	Į
56/ 55				<u> </u>	<del> </del>	<u> </u>					<del> </del>										<u> </u>
54/ 53				l	l	Ì	ĺ	!	İ		ſ		ļ							ļ	
30/ 49				<u> </u>	l	<u> </u>	<u> </u>		<b> </b>	<u> </u>	<u> </u>						<u> </u>			ļ	<del> </del>
TAL	1.5	20•4	31,9	23,7	15.3	6.3	3.0	• 7	•0		ļ						ļ		3097		30
			<b> </b>	<b></b>	<del> </del>	<b> </b> -	<u> </u>	<b>!</b>					<b> </b>				ļ	3097		3097	<u> </u>
			1	ļ	1	ļ	1	l										<b>i</b> :			Į .
			<del> </del>	<del> </del> -	<b>├</b>	<b> </b>	<del> </del>	<b> </b> -	<b> </b> -	<del> </del> -	<del> </del>	<b> </b> -	<u> </u>					<u> </u>		<del> </del>	├
				1	l	ł	ļ				1		i	İ	1 1		1				1
			<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<u> </u>	<del> </del> -	<b> </b>	<del> </del>			<del> </del>	<b> </b>		<del> </del>	<del> </del>		<del> </del>	<del>}</del>
				l	l	l	1	l		1	l		l	į i	[		l	1		Į.	
				<del> </del>	<del> </del>	<del> </del>	<del> </del>	ļ	<u> </u>		<del> </del>	<u> </u>					<del> </del>	<del> </del>		<del> </del>	┼
1				İ	ŀ	ŀ	i	İ		l	i i	l	!	1			l		ĺ	i	
			├		<del> </del>		<del> </del>			<del> </del>	<del> </del> -	<b> </b> -					<del> </del>	<del> </del>		<del> </del>	┼─
		}	j	1	1	1		]	]			Ì			]				)	1	1
			<del> </del>	<del> </del>	<del> </del>	<del> </del>	├──		<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>							<del> </del>	1-
ļ		1	1	ļ	[	1		ļ		Į.	1	ļ	1	[		l	ļ	1	ļ	ļ	1
lement (X)		Σx²	ــــــــــــــــــــــــــــــــــــــ	<del> </del>	ZX	<del>'</del>	X	- A	<del>'                                    </del>	No. O	bs. I	<del></del>		<u></u>	Mean I	to. of H	ours wit	h Tempera	ture	<u> </u>	<del></del>
Rel, Hum.			2458		2487	110		10.1			97	10	F	⊴ 32 F	≥ 67		73 F	- 80 F	z 93	F	Total
Dry Bulb		1864	0938	1	2400		77.5				97	<u></u>	$\neg \vdash$		92		95.7				
Wet Bulb			8080		2255			2.9		.30					89		58.5		ol	_	
		1077		'1		4.71	. 1.5. 9.9	7	701				•				20 2		VI		

SAFETAC FORM O

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 37-58,60-71 PAGE 1 0000=0200 Hours (L. S. T.) Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 D.B./W.S. Wet Bulb Dew 82/ 81 80/ 79 77 75 73 71 78/ .0 •0 215 215 495 423 636 . 1 564 564 447 443 69 445 323 351 310 351 70 2.0 68/ 67 65 66/ 229 334 63 158 158 61 188 100 100 155 133 68 59 91 91 58/ 57 39 39 53 10 10 . 1 52/ 51 14 50/ 49 .0 46/ 45 43

216 555

474

285

204

187

135

121

32

3144

3144

94

43

Element (X) No. Obs. Rel. Hum. 22626881 264911 9.862 Dry Bulb 15691603 14268161 70.4 5.567 221423 210999 90 -3144 38.8 Wet Bulb 67.1 5.853 3144 90 Dew Point 90

40/ 39

2.838.334.914.7

Contraction and Alaska area

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 37-72 0300 =0500. PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 (F) D.B./W.B. Dry Bulb Wet Bulb Dew Poin 80/ 79 78/ 77 76/ 75 277 • 1 66/ 65 .0 60/ • 0 36/ 99 48/ 46/ 45 36/ 34/ 33 5,950.930.8 8.6 3.3 ತ Element (X) 217881 87,5 8,525 68,6 5,723 66,1 6,096 62.4 49.9 26.1 Wer Bulb 8,8 203105 64.6 6.861 Dew Point 45,0

to an interesting the second second

DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 37-72 PAGE 1 <u>- 5400-0800</u> Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 85/ 87 86/ 85 84/ 83 38 82 82 195 195 77 267 267 76/ 38 2.5 191 .6 422 422 . 2 280 72/ 489 407 410 366 436 367 67 246 336 399 246 66/ 65 305 210 270 64/ 63 1.1 151 151 279 108 LOB 186 163 119 162 74 58/ 151 42 56/ 55 30 30 82 108 52/ 51 23 69 10 10 50 48/ 47 40 44/ 43 5 40/ 39 8 38/ 37 36/ 35 TOTAL 2.529.132.719.210.4 3232 õ 3142 Z y No. Obs. Element (X) Mean No. of House with Temperature AFETAC Rel. Hum. 21853537 263461 81.510.804 3232 ±0 F 230¢73 217517 71.3 6.148 67.3 6.096 Dry Bulb 3236 16568285 90 14759185 <u> 3232</u> 90 90

a same

The state of the s

DATA PROCESSING BRANCH USÁF ETAC AÍR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

3821 MAXWELL AFB ALABAMA/MONTGOMERY

7-72

SEP

PAGE 1

0900=1100 HOURS (L. S. T.)

Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28 2	9 - 30	× 31	D.8. W.B.	D · Bulb		Dew Por
96/ 95									•0			.0	•0					2	3		i
94/ 93					i '				.3	. 3	. 2	. 1	.0				1	32	32	,	1
92/ 91							• 1	• 5		.4	. 2	,0	•0					72	72		
90/ 89						. 2	1.2			7	.2	. 1	.0				!	179	179		
88/ 87					.1	1.7	2.8		1,1	.6	. 3	,1						270	27 <sub>J</sub>		
86/ 85			.0	. 1		4.1	2.7	1.5	7.7	4		. i						357	357		
84/ 83			• 6			2.9	2.4	1.2			•2	•0						395	395		i
82/ 81			,2		3.5	2.4	1.7	1.3	. 9	.4	.3	•						419	419		ļ
80/ 79			.9	2.7		1.9	1.9	,7	.6	• 3	•1							369	369		
78/ 77		• 2	1.5				1.4	.7		. 2	ì							288	288	282	
76/ 75		.7	1.4		1.2	1.2	.8	.4	, 5	• 2								259	259	582	9
74/ 72	. 1	.6	1.3	. 9	1.9	• 5	.7	.4		1								195	195	556	_32
72/ 71	•0	.6	.4	. 5	.6	• 6	, 5	.4	,2	.0								123	123	454	54
70/ 69	-1	Į į	, 4	.6	,6	.7	.3	• 2										101	101	329	
68/ 67	•0	.3	, 3	.2	.2	• 2		• 2										55	55		
66/ 65		• 7	•3	,1	. 1	• 2		-1										55	55		29
64/ 63	.1	• 1	• 7	.1	. 1	• 0	.1	.0	1									17	15	179	
62/ 61		.3		.0		•0		.0	<u> </u>		<u> </u>							18	18		
60/ 59		•0		Ì	.0			1			1	ŀ	i i	1 1			]	12	12	84	
58/ 57		•0	,0	<u> </u>		•0		<u> </u>		<u> </u>		ļ	i					3!	3	71	
56/ 55		•0					ŀ						<b>.</b>					[5	2		0
54/ 53		<u> </u>	0	•0	<b> </b>		ļ	<b> </b> -	<u> </u>			<b> </b>		ļ					2	17	
52/ 51					ļ			ŀ			1	1					Ì	] ]		9	5
50/ 49		<u> </u>		<b> </b>	<b> </b>		<u> </u>	ļ		ļ	<u> </u>	<u> </u>								- 4	5
48/ 47			]	1	1		1		l	l			l							3	4
46/ 45		<del> </del>			├		├	<del> </del>	<del> </del>		<del> </del>	<del> </del>			<del>  -</del>			<del>  </del>		<del> </del>	1
44/ 43						1	l						]								}
42/ 41 40/ 39		<del> </del>			<del> </del>		<del> </del>	<del> </del> -			<del></del>	<del> </del> -			┝╼╾	-	<del> </del>			!	<u> </u>
38/ 37											Ì									1	1
36/ 37 36/ 35		<del> </del>	<del> </del> -			<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del> -	<del> </del>	<del> </del>			┝──┼		<del> </del>			<del></del>	<del> </del>
DTAL	. 4	3.0	7.2	11.6	15.7	18.2	17.1	11.6	7.7	4.5	۱ , ۵	.4	.1	.0					3226	1	322
7104	• • •		115	4	1001	2003	1	+ + • 0	<del>                                     </del>	795	1 2 2 2	<u> </u>	1 2 4	• ·	<del>  -</del>		<del> </del>	3226	2660	32.26	1266
l					1				l								l	3220		36.40	'Ì
Element (X)		Zx'	<del></del>		ZX	┗┯	<u> </u>	· ·	<del>' T</del>	No. OL	5.	<u> </u>		<u> </u>	Mean No	. of H	ours with	h Temperat	ure.	<u> </u>	
Rel. Hum.			5020		2008	86		14.1			25	<b>±</b> 0	F :	1 32 F	≥ 67 F		73 F	≥ 80 F	- 93	F	Total
Dry Bulb			7361	1	2591		80.3	6.5	48		26	— <u>-</u>			87.		79.2			•0	9
Wet Bulb			9063		2274		70.5	5.5	52		26		_		70.		40.5		•		9
Dew Point			8568		2113		65.5	7.3	60		26				49.		11.7		_	$\neg$	9

AC 1044 0.26-5 (OL

JSAFETAC

DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MUNTGOMERY 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 16 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | D.B./W.B. Dry Bulb Wet Bulb Dew Por 100/ 99 98/ 97 96/ • 0 92/ 88/ 80/ <u> 303</u> 74 72 459 134 66/ •0 36 60/ • 1 52/ 44/ ğ 40/ 38/ 37 36/ Element (X) ± 32 F Rel. Hum. Dry Bulb Wet Bulb

W. M.

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/MONTGOMERY PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point TUTAL 6.0 8,712,715,316,113,3 8,8 4,8 2,2 3233 3232 3232 3232 52.815.654 84.7 6.824 71.2 5.021 170616 273968 230120 9798514 3232 Rel. Hum. ≥ 73 F ≥ 80 F 23366874 90 90

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY

1500-1700.

Temp	. [								TEMPER										TOTAL		TOTAL	
(F)		0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/						, ,								. 1	, 1				5	5		İ
98/												2	3	3		1			32	32		
	95				,				ا	• 0	1 3	1.5	• 6	. 3	. 3	• 0			78 155	78 156		ĺ
	91							•0	• C	2,5	_			. 3	- 46	•0	•		764	264		
90/					1	0	.0	. 6	2.4	3.1	ĭ.9	1.1	1.0	. 5	·	.0		1	347	347		l
	87					, 1	,3				1,6	1.0		. 2					360			
	85					3	1.7	2.5 2.3	2.8	1.8		3	. 4	1	1	1			392			
	83			• C	. 3		2.4	1.9	1.4	1.3	1.1	, Ċ	.3		.0				346			
82/			• 0		8		1.3	1.3	1.2	1.1	6	5	1						275			
80/ 78/	79 77		.6	.6 1.5	1.2		1.5	1.2	. 2		.7	• 4	• 1					ļ	290			
76/	75	. 1	1.5		, 6				<del></del>		, 3							<del> </del>	204 185			
74/	73	. 1	.8		. 3	6	• 4	.4	•2	. 2		_ 0	_						105	105		
72/	71	.1	.5	. 2				, 2											64	64	306	
	69		<u>, 2</u>	, 3	0.1	, 2	.0		1	1						<u> </u>			36			
68/	67	, 1	, 6 , 4	.2	• 0		•0	•0					] ]					]	32			
66/	65	الدوــــــــــــــــــــــــــــــــــــ						<del></del>	0	0	<del> </del>	<del> </del>	<del>  </del>					<del> </del>	28			
64/	61	. 0	. 2	i	. I . O			.0	J			Ì	1 }		1	1		1	13			
60/	59								1										7			1
58/	57		}	1			<b> </b>		Ĺ	<u> </u>			1						<u> </u>		41	
56/	55				, 1														3	3		
54/	53					ļ			<u> </u>		<u> </u>	<u> </u>			ļ			<u> </u>	<u> </u>	<u> </u>	و9	
52/	51																		ł		4	73 55
50/	49		<del> </del>			<del> </del>		<del> </del> -	<del> </del> -		<del> </del>	├──	<del>  </del>		<del> </del>	<del>  </del>		<del> </del>	<del> </del>	<del></del>		55
46/	43		ĺ			1	}	l	1		1	1			1	1 1		1	}	į	1	31
44/	43																					24
42/	41					<u> </u>	<u> </u>	<u> </u>			<u>                                     </u>					<u>  </u>			<u> </u>			12
40/	39			[		_		1		_		_		1	_					Į	1	11
38/	37					↓		ļ		<del> </del>	<del> </del>	<del> </del>			<del> </del>	<b> </b>		<del> </del>	<del> </del>	<del> </del>	<del> </del>	ļ <u>?</u>
36/	35							1			1	1			}			}		1	1	5
Elemen			ZX2	<u> </u>		žχ	<del>'                                    </del>	<u> </u>	-	<del>'                                    </del>	No. O	J	اســــــــــــــــــــــــــــــــــــ	<u> </u>	<del></del>	Mean N	lo. of H	lours wit	h Tempera	lute		4
Rel. Ho						<del></del>	<del></del>  -		<b></b>				± 0 I	F	± 32 F	≥ 67		≥ 73 F	≥ 87 F	≥ 93	F	Total
Dry Bu	1b										•											
Wet Bu	ТЬ																					
Dew Po					1				1							1				1		

£.

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC HAXWELL AFB ALABAMA/MONTGOMERY 37-72 1500-1700 HOURS (L. S. Y.) PAGE 2 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Dry Bulb Wet Bulb Dew Poin TUTAL 3232 3231 3231 0.26.5 (OL 10439050 22851991 16263401 175096 270847 54.217.127 83.8 6.916 3230 Dry Bulb 3232 84.6 70.8 4.888 228687 73,5 90 90 Wet Bulb 323<u>1</u> 3231 40.1

Manage Character Representation of the second

DATA PROCESSING BRANCH UŞAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL AFS ALABAMA/MONTGOMERY 37-72 SEP PAGE 1 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 Dry Bulb Wet Bulb Dew Point 94/ 93 92/ 91 90/ 89 47 88/ 103 103 206 206 260 326 • 6 326 80/ 411 78/ 428 428 76/ 43) 43) 327 641 282 327 1 494 254 69 70/ 171 432 171 460 68/ 420 66/ €. 65 81 81 315 336 27<u>8</u> 62/ 61 22 60/ 59 20 20 77 ندي 57 47 137 56/ 103 66 50/ 40/ 31 44/ 43 G 42/ 41 40/ 39 ŝ 38/ **37** Tutal <u> 323î</u> 3231 3231 Element (X) Mean No. of Hours with Temperature 3230 ≤ 0 F ≤ 32 F ≥ 67 F 273 F 280 F 293 F 16107394 223172 Dry Bulb 77.1 6.156 69.5 5.156 19347735 <u> 249233</u> 3231 84.9 Wet Bulb 15697066 224588 3231 67.2 30.6 90

Market State

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 37-72 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 88/ 87 86/ 85 84/ 83 82/ 80/ 73 . 0 72/ 7Ò 64/ 59 7.7 60/ 53 56/ 52/ .0 .0 46/ 40/ .421.831.022.313.1 

0.26-5 (OL

Rel. Hum.

Dry Bulb

Wet Bulb

被別があるこ

79,211,385 72,8 5,651 68,2 5,586

>67 F = 73 F = 80 F = 93 F

8.2

52,2

78,3

60.0

THE PROPERTY OF

TOTAL

Wet Bulb

577

336

40 41

277

13<u>3</u> 87

38 23

376

**PSYCHROMETRIC SUMMARY** 

216507

14858303

No. Obs.

3176

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 13821 MAXWELL AFB ALABAMA/MONTGOMERY
STATION MAME <u>nc i</u> PAGE 1 0000+0200 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 Dry Bulb Wet Bulb Dew Poin 82/ 81 80/ 79 78/ 77 53 67 70/ .0 66/ 5.0 310 • 1 55 • 0 30/ 75 28 õ 26/ 24/ 23 22/ 21 TOTAL 3.444.932.712.2 5.1 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 83.310.961 ≥ 67 F ≥ 73 F Dry Bulb 60.1 8.125 Wet Bulb 

The state of the s

Service Control of th

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION	MA	XWCL	L AFI	S AL	ATION H	ME THE	NTGO	16KY		37-	12			YE	ARS					MO	C
		_			_					_								PAGI	E 1	0300 HOURS (	i
Temp							BULBT											TOTAL		TOTAL	_
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	l
78/ 77		. 3	, 3	• 0												!		1 25	25		
74/ 73 72/ 71	.0	1.3	, 6	. 2	. 1													70 117	70	24 84	
70/ 69	. 4		1.0	• 6	•0													137	137	125	Ī
66/ 65	.6	4.1	2.0	, 5		•0												243	243	186	Ţ
64/ 63	, 6	4.6		• 9	• <u>•</u> • • • • • • • • • • • • • • • • •	• 0					<del></del>			1-1				260 245	246	256	ı
58/ <b>57</b>	,7 ,4	4.8	2.4	• 9 • 6	, <u>į</u>					├──				+-			<del> </del>	319 271	274	272	1
56/ 55 54/ 53	.7	3.7	1.9	•5	, 2	• 1			-	-	-						-	269 216	216	303 298	Ī
52/ 51 50/ 49	<u>,3</u>		1.8	• 6	.3		-		<u> </u>		<del> </del>				-			193 170		192 188	
48/ 47	2 .3	2.2	1.4	• 4	_• <u>i</u>	•0					<del> </del>			-				143	143	182 153	1
44/ 43	.2	1.1	. 9	•1	.0				<u> </u>	-	<u> </u>			-				77 54	77	117	1
40/ 39 38/ 37		. 8	. 6	• i						-								55 15	55	74	ı
36/ 35 34/ 33		.3	• 2 • 2	, •						<u> </u>	<u> </u>			-				18	18		1
32/ 31 30/ 29		ō	• •						<u> </u>			ļ						<u> </u>	<u> í</u>	7	1
28/ 27														1						ļ,	1
26/ 25 24/ 23																			<u> </u>		1
22/ 21 20/ 19																					1
18/ 17 TOTAL	6,5	56.0	26.5	7.9	2.7	.4			<u></u>										3270		
																		3263	<u> </u>	3263	1
Element (X)		Σχ2			ZX		7	·,		No. 0								h Tempera			_
Rel. Hum.		2458			2814		86.2	9.7	97		63	= 0	F	± 32 F	≥ 67		73 F	≥ 80 F	≥ 93	<del>-   -</del>	1
Dry Bulb Wet Bulb		1124		<del> </del>	1896 1815	60	58,0	8.7	75		70			.0	16		2.7	<del></del>			_
Dew Point	<b> </b>		3547		1754		53.8	9 7	-		63			2.0		. 5	- 4			<del> </del>	_

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/MONTGOMERY 37-72 UCT PAGE 1 -0600=0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 21 84/ 83 82/ 81 80/ 76/ 72/ 70/ 68/ 57 60/ .0 Š8/ 187 48/ 47 46/ 45 7.7 17 37 35 33 36/ 32/ 30/ 28/ 24/ 22/ 20/ 16/ Mean No. of Hours with Temperature Dry Bulb Wet Bulb Dew Point

Company of the Compan

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/MONTGOMERY 37-72 DCT MONTH STATION NAME Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Port TOTAL 4.038.231.216.4 7.2 2.3 3334 3326 3326 3326 4 9 0.26.5 Element (X) 22564416 12260911 271060 200087 81.511.937 60.0 8.710 36.7 8.715 Dry Bulb 23.0 10934590 188490 3326 Wet Bulb 1,4 93 179909

Water Bridge Committee of the Committee

A 14 DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY 37-72 PAGE 1 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 94/ 93 92/ 91 90/ 89 88/ 87 86/ 85 54 , C 54 84/ 83 94 82/ 81 154 154 80/ 78/ 280 280 345 345 313 141 179 73 23 313 72/ 90 309 309 70/ 69 315 315 268 140 58/ 243 66/ 65 237 237 338 .0 347 63 169 169 299 281 61 59 62/ 253 164 164 60/ 133 133 58/ 57 100 100 226 250 56/ 54 53 48 180 201 173 166 50/ 49 114 19 19 179 48/ 47 59 170 46/ 45 . 1 50 136 41 23 104 40/ 39 88 37 35 38/ 71 36. 33 31 30/ 29 27 28/ 27 Element (X) Rel. Hum. 20F ± 32 F Dry Bulb Wet Bulb Dew Point ن المنافعة ع

\$ \*.

THE PROPERTY OF THE PROPERTY O

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME -0900=1100 HOURS (L. S. T.) Tump. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 26/ 25 24/ 23 22/ 21 20/ 19 9.512.917.317.615.111.0 3335 3335 3335 3335 Element (X) No. Obs. Mean No. of Hours with Temperature 12678189 16931704 198161 236100 59,416,464 70,8 8,069 61,5 7,696 Dry Bulb 66.1 27.2 12830995 205263

DATA PRUCESSING BRANCH USAF ETAC ĀJR WEATHER SERVIÇE/HAC **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/HONTGOMERY 37-72 DCT 1200 ± 1400 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 96/ 95 94/ 93 92/ 91 26 26 90/ 89 48 48 88/ 87 • 0 114 114 86/ 85 84/ 83 304 304 82/ 81 385 385 80/ 78/ 79 77 401 401 307 307 76/ 75 79 292 292 73 26 265 72/ 71 221 221 221 70/ 69 342 33 208 208 68/ 67 152 1,52 368 164 • 1 • 0 66/ 65 368 237 63 93 93 346 202 62/ 61 3Ô5 246 59 57 254 60/ 40 269 40 58/ <u> 206</u> **220** 38 38 55 56/ , 1 20 201 292 53 192 51 • 0 193 • 1 50/ 53 161 48/ 46 131 46/ 153 102 40/ 39 120 35 36/ 66 33 31 <u>60</u> 32/ 46 30/ EX3 Mean No. of Hours with Temperature Element (X) 3 0 F ≤ 32 F ≥ 93 F Rel. Hum. ≥73 F ≥ 80 F Dry Bulb Wet Bulb

THE PARTY OF THE P

is not the second DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MUNTGUHERY 27-72 DCT WET BULB TEMPERATURE DEPRESSION (F)

0 1.2 3.4 5.6 7.8 9.1. 11.12 13.14 15.16 17.18 19.20 21.22 23.74 25.26 27.28 29.30 #31 TOTAL Temp (F) I TOT " Synb Wes B. ib Dew 28/ 27 26/ 25 24/ 23 13 12 20/ 19 18/ 17 16/ 15 14/ 13 ż .3 3.2 3.0 5.2 5.9 8.513.015.516.214.8 8.4 3.9 1.4 339 37.33 2335 1 1 ř. ₹ õ 1 5 2 5 Element (X) 48.317.395 76.2 7.674 63.1 7.085 161296 724775 210647 \$ 036 12 14636617 ≥ 67 F ≥ 73 F Rel. Hum, 3338 # 80 F 82.2 32.3 66.1 36.6 3339 Dry B. Ib 13450601 3339 Wet Bulb 20078707 179567 A CONTRACT OF THE PARTY OF THE

1111

x 3 3.8

Company of the second s

War and the second of the second of the

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXMELL AFB ALABAMA/MONTGOMERY PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 (F) D.B. W.B. Dry Bulb Wet Bulb Dew Poin 96/ 95 94/ 93 92/ 91 88/ 84/ 83 • 2 • 0 80/ 1.9 .0 68/ 66/ 65 60/ 59 • 2 58/ . 1 e O 36/ 30/ 29 Rel. Hum. Dry Bulb Wet Bulb Dew Point

TO THE PARTY OF TH

A AMERICAN AND AND AND THE PROPERTY OF THE PARTY OF THE P

DATA PROCESSING BRANCH USAF ETAC AJR WEATHER SEKVICE/MAC

## **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-72

STATION YEARS

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp.							BULB .											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 . 22	23 - 24	25 - 26	27 - 28	29 - 30	<b>≥</b> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
28/ 27 26/ 25																					17 18
24/ 23	· <del>········</del>																				6
22/ 21 20/ 19 16/ 15																					6
IDTAL TO	. 2	4.1	4,9	5,7	6.9	10,5	14.3	16.1	15.8	12.0	0.4	2.4	, 5	•0				3334	33:6	3334	3334
		-					<del> </del> -											9994		7224	
	~		 :														-	<del>                                     </del>			<b></b>
																		<del> </del>			<b></b>
													<u> </u>				<u> </u>				
	· <del></del>		 				<del> </del>						<del> </del>				<del> </del>		<b></b>		<u> </u>
		<u> </u>	<u>                                     </u>				<del>  -</del> -	<del> </del>	<del> </del> -	<del> </del>	<u> </u>		<del> </del>					<del> </del>	<u> </u>		<u> </u>
			! —		<u> </u>	<u> </u>		-		<del> </del>	<u> </u>			_					<u> </u>	<del> </del>	
												<u> </u>				ļ		<del> </del>			<u> </u>
							-						<del> </del>	<del> </del>						<del> </del>	ļ
																<u> </u>		ļ		<del> </del>	<del> </del>
					<u> </u>		-	<u> </u>	<del> </del> -			ļ						<del> </del>	<u> </u>	ļ	ļ
		<u> </u>	ļ		<del> </del>				ļ. —.		 	<u> </u>		<u> </u>	<b> </b> -			ļ		ļ	
						<u> </u>										<u> </u>			ļ		ļ
Elament (X)		Σχ2	<u></u>	ļ	ZX	<u> </u>	X	1 .,	<u> </u>	No. O		<u> </u>			Mass :	<u> </u>		h Tempera	<u> </u>	<u></u>	<u> </u>
Rel. Hum.			5555	<del>  -</del>	1 6 R F	28	KO 6	1 77 . 8	4.5		34	± 0	E T	± 32 F	Meon   ≥ 67		73 F	2 80 F	e 93	Ē I	Total
Dry Bulb		1895	4104	-	2501	78	50.6 75.0	7.9	96	33	36	<del> 0</del>		- 32 F	79		61.5			• 2	93
Wet Bulb		1324	4187	<del> </del>	208	35	75.0	6.9	97	33	34					, 5	5.7		1		93
Dew Point		1008	7692		1797	96,	53,9	10.8	40		34			3,5			1.0		_		93 93

FORM 0.26-5 (OLA) stysed meyous E

AFETAC FORM 0.26-

comment into the same DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/HAC MAXWELL AFB ALABAMA/MONTGOMERY DCI 1800-2000 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 D.B. W.B. Dr. Bulb Wet Bulb Dew Point 92/ 91 90/ 89 88/ 86/ 85 83 79 77 80/ 78/ 152 152 1 261 261 85 306 306 72/ 71 331 58 128 331 1 69 380 380 235 68/ 67 342 316 201 66/ 65 319 321 312 €. 63 246 246 246 398 200 201 260 60/ 327 185 187 301 58/ 230 163 163 283 55 53 56/ 221 253 52/ 57 57 . 1 48/ 20 20 91 130 åö. 33 ,0 18 85 36/ 35 32/ 31 30/ 28/ Mean No. of Hours with Temperature Rel. Hum. Dry Bulb Wet Bulb

The state of the s

4 4 5 °

Sales Sales Sales Sales Sales Sales Sales Sales Sales Sales Sales Sales Sales Sales Sales Sales Sales Sales Sa

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL APB ALABAMA/MONTGUMERY
STATION NAME 37-72 DCT 1800=2000 HOURS (L. S. T.) PAGE 2 TOTAL TOTAL Dry Bulb Wet Bulb Dew Point Temp. WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 24/ 23 22/ 21 TUTAL .710.317.320.920.016.0 9.5 3.8 1.3 3332 3327 3327 3327 耄 No. Obs. 67.814.920 67.3 7.496 60.5 7.528 225395 267 F 273 F 280 F 3327 Wet Bulb 12377955 201381 22.0

\* DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/MONTGOMERY 37-72 DCT 2100-2300 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 86/ 85 84/ 83 82/ 81 80/ 79 75 78/ 70/ 68/ 3<u>1</u>9 62/ ,0 58/ 55 56/ 49 47 30/ 144 ÀB' 46/ ż٥ 38/ 34/ <u> 32/</u> 30/ 28/ 26/ 24/ 22/ 20/ Mean No. of Hours with Temperature ≥ 73 F ≥ 80 F ≤ 0 F ≥ 67 F ≥ 93 F Dry Bulb Wet Bulb

THE RESERVE THE PARTY OF THE PA

3 DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY PAGE 2 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1.2 3.4 5.6 7.8 9.10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point 18/ 17 TOTAL 3274 3274 No. Obs. 256049 205365 78,212,606 62,7 7,708 58,6 8,009 3274 3277 36°4 20544905 Rel. Hum. ≥ 67 F × 73 F × 80 F × 93 F 13064577 Dry Bulb 11438033 191731 93 10.5

Approximately and the second of the second o

and the state of t

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 78/ 76/ 74/ 72/ 70/ 34 66 .0 66/ 65 42 127 127 134 62/ 61 148 148 57 55 53 51 58/ 170 170 216 202 202 186 164 229 50/ 237 237 210 197 197 <u> 204</u> 46/ 223 223 191 180 184 185 233 202 216 178 196 196 40/ 207 207 38/ 37 143 101 101 112 76 33 59 59 160 29 27 25 23 30/ 26/ 22/ 18/ 14/ Mean No. of Hours with Temperature Rel. Hum. ≤ 0 F ± 32 F ≠ 93 F Dry Bulb Wet Bulb

3.26-5 (OL A) REVISED MENTOUS EDITIONS OF THIS

经经验

SAFETAC FORM 0.24.5

DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC HAXWELL AFB ALABAMA/MUNTGOMERY WET BULD TEMPERATURE DEPRESSION (F)

1 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 3 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 3 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point Temp. 10/ 6/ 3144 7.243.730.713.4 3.7 1.0 3144 3143 81.013.087 49.9 9.978 47.110.166 21142639 8138138 7285795 254519 156852 147937 3144 3144 ± 32 F 90 Dry Bulb 90 Wet Bulb 3144 90

Warrand Allender

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 13821 MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) D.B. W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 70/ 27 68/ 67 66/ 65 50/ 48/ 35 38/ 30/ 23 21 26/ 18/ 10/ Element (X) No. Obs. Mean No. of Hours with Temperature Dry Bulb Wer Bulb

DATA PROCESSING BRANCH USAF ETAC AĮR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 37-71 0300=0500 PAGE 2 D.B./W.B. Dry Bulb Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | < 31 Wet Bulb Dew Poin 2/ TUTAL 10.353.326.3 7.8 3145 3140 3140 0.26.5 Mean No. of Hours with Temperature Element (X) 84.111.834 47.910.405 45.710.520 3140 3145 3140 22640339 7560465 264027 Rel. Hum. 10F ± 32 F ≥ 67 F ≥ 73 F 150689 143380 5,3 Dry Bulb 90 6894490 90 8.4 Wet Bulb 6286215 90

The state of the s

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 37-72 NOV WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Po 70/ 75 72/ . 1 66/ 65 56/ 237 52/ 48/ 40/ .206 1.1 25 15 20/ 1,2/ No. Obs. Mean No. of Hours with Temperature Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) D.B. W.B. Dry Bulb 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 21 8/ -12/-13 9,546,329,310,9 3232 3227 +0 3227 No. Obs. 82.012.856 43.610.455 46.110.584 3227 3232 Rel. Hum. < 32 F 5.0 7.9 157177 Dry Bulb 7207570 148030 3227 90 Wet Bulb

# **PSYCHROMETRIC SUMMARY**

Temp (F) 0 1-2 3-4 5-6 7-8 9-10 1- 12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 -31 6.8.7.  82/81			NOV MONTH
Section   Sect	AGE 1	7 A G	PAGE 1 2900-11
82/ 81 80	AL	TOTAL	TOTAL TOTAL
\$\frac{8}{0}\frac{7}{79}\$  \[ \begin{array}{c ccccccccccccccccccccccccccccccccccc	N.B. Dry Bul	. 31 C.B. W.B.	C.B. W.B. Dry Bulb Wet Bulb Dew I
78/77 76/75 11 1 4 4 5 3 2 2 2 1 1 0 1 0 1 6 7 7 7 7 7 7 7 7 7 7 2 2 2 1 1 1 1 1 1 1		27	5 6
74/ 73	43 4	43	43 43
10	07 10	107	107 108 9
10	58 15	158	112 112 22     158 158 55
194 63	89 18	189	176 176 .04 189 189 127
			<u>230 230 165 1</u>   226 226 175 1
	36 23	236	236 236 189 1 211 211 175 1
52/51	44 24	244	244 244 207 1
48/47     1     7     1     1     0     1	04 20	204	204 204 201 1
19	56 19	156	190 191 236 1 156 157 241 1
12/41     1     2     4     7     8     1       10/39     2     5     5     6     1       18/37     1     0     2     5     1     0       16/35     1     2     5     1     0       14/33     1     2     1     1       10/23     1     2     1       10/29     1     0     0       12/2     0     0       12/2     1     0    <			151 152 253 1 80 80 221 1
18/ 37			
14/ 33	32 3	32	32 32 107 1
10 / 29 13 / 27 16 / 25 16 / 25 16 / 23 10 / 19	13 1	13	13 13 44 1
26/25 4/23 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0	7	<del></del>	4 4 10 1
12/21 20/19	1		1 1 10
20/19	_2		2 2 3
	2		2 2
16/ 15	1		
Clement (X		<del></del>	h Temperature  2 80 F 2 93 F Total

FETAC \*\*\*\* 0.26-5

# **PSYCHROMETRIC SUMMARY**

3821 STATION	MA	XWEL	L AF	B AL	ABAM	A/MO	NTGO	MERY		37~	72			YE	ARS				N MG	()V
																	PΔG	£ 2	0900 HOURS (	-1100
Temp.						WET	BULB	TEMPER	ATURE	DEPR	SSION	F)					TOTAL	1	TOTAL	
(5)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 2	4 25 - 26	27 - 28 27	30 231		Dry Buib	Wet Bulb	Dew Poin
4/ 13 2/ 11 0/ 9																			,	7
0/ 9 8/ 7																			2	
6/ 5	1.8	11.8	15.0	111 # . 9	20.9	14.6	9.7	4.9	2.0	1 2	, 1						1	3226		1 3219
'IME	1.0	1100	1200	100	20.2	1700	701	7.07	200	•••							3222	3660	3222	2613
			-	-	-					<del> </del>			_	-			<del> </del>	<del> </del>		
				<del> </del>	<del> </del> -						<u> </u>	<u> </u>	<u> </u>	-			<del></del>	<del> </del>	<u> </u>	
				ļ						<u> </u>										
								_											L	
																	Ţ			
				1	1									1		_	1	<del>                                     </del>		
				-	├					├	<del> </del>		<del> </del>	-			┧	<del> </del> -	<del> </del>	
			<del> </del>	<u> </u>	<del> </del>		<b> </b> -			ļ	<b> </b>		<del> </del>			-	<del>- </del>	<del> </del> -	<del>}</del>	 
		<u> </u>			 								_					<u> </u>	ļ	<u> </u>
1											]		1		;	1	1	1		•
				1																
					+		-			<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	-	<del>                                     </del>	-		+			<del> </del>
			-	┤─ -	╂	<del> </del>		<del> </del>			<del> </del>	-	<del> </del>		┝╼╌├╴				<del> </del>	<del> </del>
			<del> </del>	_	-			<u> </u>		<del> </del>		<del> </del>	<u> </u>			-	+ .	<del> </del> -	ļ	<del> </del>
				 <del> </del>												_		<u> </u>	<u> </u>	
						<u>_</u> .					<u></u>		L							
lement (X)		ZX1			ZX		X	<b>₹</b>		No. O					Mean No		ith Temper	Plute		
el. Hum.		1360	6129	2	2008	41	62.4	18.2	79	32	19	± 0	F	≤ 32 F	≥ 67 F				F	Total
y Buib		1117	797	1	1871	01	58,0	10.0	62	32	26			, 5				Ó	_	9
let Bulb			450		1646	105	51.1	9.8	85	32	22			2,3		4 ,	3			90
ew Point		685	3550	)	1424	22	44,2	13.1	00	32	19			18,0	2.	21 .	0	_1		90

[AC 108m 0.26.5 (OLA) etms

THE PROPERTY OF THE PROPERTY O

USAFETAC 10EM 0.2

# **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-72 NOV

PAGE 1 1200-1400

																					L. S. T.)
Temp								EMPER					,		,		,	TOTAL	<b> </b>	TOTAL	r= -
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
86/ 85							• 0	.0										2	2		Ì
34/ 83						1	. 2	1	3	2	1			ļ				25		-	<u> </u>
82, 81					• 1 • 2	• 4	. 3		• 4	. 2	,1		•0	)	ł I			60			
80/ 79				e.Q	2		0	9	7	2	1	0	0	1				110	_110	<del></del>	
75 / 77			•0	• 2	. 3	• 0			• 7	, 3								136			
76, 75			• •	2	<u>ز</u> ب_	- 9	يعل	1.6		3			0	·				120		<del></del>	<u></u>
74/ 73		_,	, 4 , 3	• 3	. 5	1.1	. 8							j				182			
2/ 71		,3	9.0			. 9			- 6			- 0						215			
70/ 69	,0			• 5	. 9 . 8	. 9	1.3	7.97	. 9	7		•0		1			1	210			
67 67	0		, 5	4		424		100	+ + +	106	- 2	<del> </del> ,		<del> </del>	-			269			
6/ 65	• 1	7	.7	.3	1.1	•7	1.0		1.6		.2							235			
2/ 61		.6				• 7						<del>                                     </del>	<del>                                     </del>	<del> </del>	1			185		-	
50/ 59	1	.7		.5		8		1.6		.0								212		1	
8/ 57	1		, 5	. 2	5			1,2			,				1		<u> </u>	173			
56/ 55	. 1	.4	.7	_ , 4	• <del>•</del>	1.4	1.2	.6		'`	Ί			1				183		-	
34/ 53	. 1		, 5	-1			1.1	. 3	<del>,</del>					1				140	+	-	
52/ 51		3	.4	. 3	. 6	7.7		.1	'					}				101	101	22	
50/ 49	, (		,4	, 3	• 5	. 8	, 6				ì	<u> </u>	Ī	Ī				101	101	271	1
48/ 47	1			. 4	. 4	. 5								<u> </u>			<u> </u>	7.2		250	
46/ 45		.3	. 2.	.3	. 4 2	.4	. 2							1	1			64			
4/ 43	0	-1	. 2	.2	2	2			<u> </u>	, 	<u> </u>	<b>!</b>	<u> </u>	1				3.5	35		
42/ 41		, 1		• 1		• 2									1	!	1	1.8			
0/ 39			1	0			ļ	<u> </u>	ļ			<u> </u>	<u> </u>		<del> </del> -	ļ		20		7	
38/ 37					, 2				Ì		İ	l	1	1	ĺ			7	1 ,		
36/ 35				ļ	<u></u>	0		ļ		<u> </u>	<del> </del>	ļ	<b>├</b> ──	<del>- </del>	<del> </del>		<del> </del>	<u> </u>		<del></del> -	
34/ 33		.0	1	ļ '	•0	1	}				ļ						l	2	2		
32/ 31				<del> </del>		<del> </del> -	<del> </del>	├			<b>├-</b> -	-	!	+	<del>- </del>		<del>                                     </del>	<del>                                     </del>	<del>                                      </del>	2	•
30/ 29	• 1			•1									1		1	1		"	'  '		7 1
28/ 27		<del> </del>	0	<del> </del>	├──	<del></del>	<del> </del>	<del> </del>	<del> </del>	├─	┼─		┧		<del> </del>		<del> </del>	1 -	1	· <del> </del>	
26/ 25 24/ 23			I I		.0	J	1	1						1	1		1	,	],	.] :	1 1
22/ 21		<del> </del>	<del> </del>	<del> </del>	• <u>U</u>	<del> </del>	† - <b>-</b> -	<del> </del>	<del> </del>	<del>                                     </del>	1-	1	<del> </del>	1	- <del></del>	1	$\vdash$	1	<del> </del>	<del></del>	-
20/ 19					1		Ì					1	Į								
Element (X)		±;;-		<del> </del>	Σχ		X	٠,		No. O	bs.			<del></del>	Meon	No. of H	ours wi	h Tempere	iture		
el Hum.				1	<u> </u>	$\neg \vdash \neg$		<del>                                     </del>				⊴ 0	F	± 32 F	j ≥ 67		₽ 73 F	≥ 80 F		F	Total
Dry Bulb				1				1	$\neg   \neg$			_	$\neg \vdash$		1			1	_		
Wet Bulb								1	$\neg   \neg$						T						
Dew Point				1	-			1							T			T T			

1) BEYNSTO PER LIOUS ET HOWS OF 11-15 FORM ARE ORDORETE

FOLM 0.26-5 (OLA)

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY MAXWELL APB ALASAMA/MONTGOMERY PAGE 2 TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 26 27 28 29 - 30 231 18/ 17 16/ 15 39 14 10/ 6/ 2/ 5 1.2 6.2 6.7 6.311.116.014.816.011.2 5.9 2.2 3229 3227 3228 3228 No. Obs. Element (X) 9478732 13555908 162878 206736 50,519,728 64,0 9,952 53,6 9,229 3226 3229 ≥ 67 F | ≥ 73 F | ≥ 80 F Ret. Hum. Dry Bulb 9558130 173108 90 Wet Bulb 3228

# **PSYCHROMETRIC SUMMARY**

13621 MAXWELL AFB ALABAMA/MONTGOMERY 37=72

PAGE 1 1500=1700
HOURS (IL. S. 7.1)

Ten. | WET BULD TEMPERATURE DEPRESSION (F) TOTAL TOTAL

Ten.						WET	BULBI	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83		İ					. 2		. 2								1	11	11		i
82/ 81			I		l	. 2	2	, 3	. 2	1	0		0				İ	2.9	28		
80/ 79			"	• 0	. 2	• 2	, 5	. 3	. 5	. 2	.0						<u> </u>	65	65		
78/ 77				. 2	. 2	. 5	. 7	• 7	. 5	.3	.0	0	0					_109			<u>.                                    </u>
76/ 75	i -		. 1	• 1	.5	. 8	. 9	1,1	, 6	, 2	, 1,		-,0					143			· · · · · · · · · · · · · · · · · · ·
74/ 73		• 2	• Ĩ	• 3	.6	1.1	1.1	1.2	. 8	_ , 4	1	1						196		8	
72/ 71	.0	. 1	. 2	. 6	1.0	1.0	1.1	, 5	, 5	, 5	.3	.0						183	183	33	8
70/ 69	.0		• 4	, 8		1.0	. 8	1,5	. 7	.6	3						J	240	240	39	14
68/ 67		, 5	. 0	. 6	. 8	1.2	1.2	1.1	1.2	, 6	• 2							262	262	107	34
66/ 65		, 8	Ó	.9	. 8	. 9	- 9	9	1.4	.6	1			<u></u>			l	258		159	58
64/ 63	• 1	1.0	.4	. 5	. 7	.7	1 . 1	1,4	1.1	, Ċ	ì	i						242	242	207	84
62/ 61	0	9	. 3		6	. 9	1.2		9									231	231	233	130
60/ 59	.0	1 .6	. 5	• 5	6.0	1.1	1.5	1.5	, 9	• 0								230	230	248	167
58/ 57	.0	8.	.7	• 2 • 3	.6	9	1.9	1.0	_ i					<u> </u>				204		189	142
56/ 55	• 1		.5	. 3	• 6	1.2	1,5	• 7	.0									171	171	222	160
54/ 53	1	. 8	•0	.4	7	1.1	8	4	-1					<u> </u>			<u>.                                  </u>	160		193	163
52/ 51	.1	.5	. 7	, 4	Ÿ	. 7	. 6	• 2	ļ	1				İ			i	135	135	236	166
50/ 49	1	. 5	,2	, 4 2	. 6	1.0	- 4	.0									<u> </u>	100	100		159
48/ 47	.0	. 1	, 3	• 7	.7	. 4	. 3	• 1	İ	-				ļ		Į	1	84	84	259	147
46/ 45	1	2	, 3 , 3 , 3	. 3	5	4	2		<u> </u>									66	66		157
44/ 43		. 2	,3	• 3	- 4	• 2	• 1				l			l				46	46		
42/ 41	<b> </b>	2	. 1	25	2	. 2											<u> </u>	22	22	133	138
40/ 39	1	•1	, 1	, 2	1	• 1			i					1	1		į	18	18	102	141
38/ 37			!	• 0	2				<u> </u>	ļ								9	9	51	143
36/ 35	1	,0		. 1	. 1	• 0			l								ĺ	9	9		
34/ 33	<u> </u>	.0								<u> </u>							<u> </u>	5	5	23	
32/ 31	.0	0.		i				i	ļ							1		] 2	2	21	178
30/ 29	ļ	<u> </u>		1				<b> </b>	<u>i</u>		<u> </u>	<u> </u>		<u> </u>		<u> </u>	<u> </u>	4	1	8	<del></del>
28/ 27																				5	75
26/ 25	<u> </u>	<b></b>	<u> </u>					<u> </u>		ļ	<u> </u>	<u> </u>		ļ				<u> </u>	<u>'</u>		116
24/ 23	1																			4	65
22/ 21	<u> </u>	1	<u> </u>								<u> </u>	<b>!</b>		<u> </u>				ļ	<b> </b>		64
20/ 19		1	ł					1		l	l	1					1	l	[	l '	37
18/ 17	<u> </u>		<u> </u>						<u> </u>	<u></u>	<u> </u>	<u> </u>	L,	<u></u>	<u> </u>		<u> </u>	<u> </u>		<u> </u>	25
Element (X)	<del> </del>	Σλ'		ļ	Z X	-	<u> </u>	-	.  _	No. OI			<del></del>					h Tempero		<del></del>	
Rel. Hum.	<del> </del>			<u> </u>					_			± 0	F	± 32 F	≥ 67	<u> </u>	73 F	≥ 80 F	2 93 1	<u> </u>	Total
Dry Bulb	<b>↓</b>			<u> </u>		_ _							-			-		<del> </del>	_		
Wet Bulb	ļ								_ _				_			<u> </u>		ļ	_		
Dew Point	<u> </u>							<u> </u>					l_		Ц			<u> </u>			

SAFETAC POEM

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MUNTGUMERY NOV MONTH 37-72 1500-1700 HOURS (L. S. T.) PAGE 2 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 31 D.B. W.B. Dry Bulb Wet Bulb Dew 16/ 15 14/ 13 12/ 11 18 12 10/ 8/ TOTAL 8.1 7.3 8.412.615.817.014.5 3233 3233 3233 3233 • C 0.26.5 (OL A) No. Obs. 169506 10157730 52,419,827 3233 62.8 9.622 53.0 8.965 202983 171483 90 90 13043489 34.4 Dry Bulb 9353473 3233 Wet Bulb 6070552

William.

# **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-72

STATION STATION NAME

PAGE 1 1800-200
HOURS (L. S. T.)

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8							21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	→ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				• 1							1	1	<u> </u>			<b></b>		8	·		
76/ 75		i .	, 1	, 1	.1 .3	. 3	• 1		1	l	1	1		ł	i	ļ	1	30			
74/ 73		.0		. 4		• 3			<del>                                     </del>	†								51			
72/ 71		.3						. 1	.0	.l			1	ł	1	i	ĺ	86		9	4
70/ 69	• 1					,9			• •	1	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>		<del> </del> -		124	<del></del>	27	
68/ 67	* ^	7			ı.i	5	.2	•0	,0				i	1	į			166		55	14 22
66/ 65				1,5				• 2					<del> </del>	<del> </del>		<del> </del>	<del></del>	195			42
64/ 63	.1			1.5	1.1	•5	• 4	.3		1				ł				212		172	93
					+ * *					<del> </del>					<del></del>		├──	<del></del>			133
	• 2	1.3	1.4	1.6	1.6	. 8	.6			:		j			İ	l	l	247		162	
		4 . 4	197	100			- 4	- 2	٠	1		├	<del> </del>			<del> </del>	<del> </del>	251	251	203	143
58/ 57	• 2			10/	1.8	1.1	,9	•1	• 1	1			İ	1	1	1		264		210	141
56/ 55	• 2		107	40!	تعلج	جعبا	- 5	4		├—		<del> </del>	<del> </del>	<del> </del>	├	<del> </del>	<del>                                     </del>	253		196	177
54/ 53	• 1	1.1	1.0		1.3			• 2	ĺ	1	1	1		]	1		1	222		217	179
52/ 51		1	104	1.6	-0.1		2		<del> </del>	<del> </del>	ļ		<del> </del>	<del> </del>	<del> </del>	<del> </del>		222		229	159
50/ 49	• 2		1.4	1,5	1,0		• 1				1						1	200		238	176
48/ 47	- 0		101	1.8	404		.2			ـ	ļ	ļ	ļ	<del> </del> -	ļ	<b> </b> _	ļ	189		220	172
46/ 45		, 5			1.5	.7	İ			]		1	İ	ļ	1	1		152		256	186
44/ 43		,4		1.1	• 7		<u> </u>		<u> </u>	<del>                                     </del>	L	<u> </u>	<u> </u>	<u> </u>	<b> </b>	ļ	<u> </u>	108		210	152
42/ 41	• 0				.6	• 1			l		1	i	1	İ		İ		83		211	160
40/ 39		, 3			3	1				ļ	ļ	<u> </u>	<u> </u>	ļ	<u> </u>	<b>!</b>	ļ	67		177	141
38/ 37		. 1						İ	ĺ	Ì	1							33		111	171
36/ 35			, 3						L	<u> </u>	<u> </u>			ļ	L	L		21		97	184
34/ 33		.0	• 1	.2	•0				1		1	İ	]		1		1	10	10	48	177
32/ 31		.1	. 1	1	.1		<u> </u>	L	<u> </u>	<u> </u>			<u> </u>		<u> </u>	<u> </u>		1.2	12	33	154
30/ 29		.1	.0		l `				1	i	l	1	1	1	1	1	1	8	8	13	100
28/ 27		L	.1	.1	]	<u> </u>			<u>l</u>	1	<u>l</u>	1	<u> </u>	1	<u>l                                     </u>	<u> </u>	]	9	3	13	84
26/ 25		}	, 1							1				1		[		2	2	8	85
24/ 23			_ `	L.	<u> </u>	<u> </u>	L	<u> </u>			L	<u> </u>	L			<u> </u>	<u> </u>		<u></u>		
22/ 21			1																	4	37
20/ 19				1	1						1	l						1	<u> </u>	<u> </u>	29
18/ 17		T								1		1		T			1	1	1	1	14
16/ 15					1							İ		}					1		io
14/ 13			$\overline{}$	i		i		i	i	1	i	T T	<del> </del>	1	1	T	1	1	1	i	11
12/11		1			1					l			1	j		1	1		1	ļ	7
Element (X)	i	Σχ²			Σχ	<del>' T</del>	X	•,	-	No. O	bs.			<del></del>	Mean	No. of H	ours wil	h Tempera	ture	<del> </del>	<del></del>
Rel. Hum.	l					_		<del>-</del>				≤ 0	F	≤ 32 F	≥ 67		2 73 F	≥ 80 F		F	Total
Dry Bulb	<del></del>					$\neg \uparrow \neg$			<u> </u>						<del> </del>			1		_	
Wat Bulb				<del>                                     </del>		_		<del>                                     </del>					$\dashv$		<del>                                     </del>			<del> </del>	_		
Dew Point						-+-							_		<del> </del>			<del>                                     </del>		_	
															1			<del>1</del>			

OCM 0-26-5 (OL A) REVISED PREVI

AFETAC FORM O

# **PSYCHROMETRIC SUMMARY**

MAXWELL APB ALABAMA/MONTGOMERY

STATION NAME 1800=2000 HOURS (L. S. T.)

Temp.	1						WET	BULB	TEMPER	RATURE	DEPRE	SSION	(F)	-					TOTAL	Γ	TOTAL	
(F)	-	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb		Dew Point
10/ 8/	9 7																					4
TUTAL		1.4	13,9	19.0	24,1	50.6	13.0	5.7	1.8	, 5									3221	3222	3222	3222
				<u> </u>						<u> </u> 									 	 		
										İ												
	_																					
						 											<u> </u>					
						i																
																			<b> </b>			
			ļ			-		<b>-</b>					$\Box$				-					
					$\vdash$							-					<del>                                     </del>					<u> </u>
Element	(X)		Σχ'	<u> </u>	<del>                                     </del>	z <sub>x</sub>	<del>'</del>	<u> </u>	•,	<del>'</del>	No. O	bs.	<del> </del>	<del></del>	Ь——	Mean	No. of H	lours wit	h Tempera	ture	٠	<u> </u>
Rel. Hum			1489	0087	<u>'</u>	2122 1813 1622	39	65,9	16.7	66	32	221	± 0	F	≤ 32 F	≥ 67		73 F	≥ 80 F	× 93	F	Total
Dry Bulb			1047	9137		1813	07	56,3	9.2	69	32	2.2.2			, 8	13	•0	2.5				90
Wet Bulb			844	7732		1622	06	50.3	9.3	53	32	22			2.1		, 5					90
Dew Poir	11		680	1764	<u> </u>	1426	82	44.3	12.2	49	32	22			16,5	1	• 1		<u> </u>			90

# PSYCHROMETRIC SUMMARY

13821 MAXI. ELL AFB ALABAMA/MONTGOMERY 37-72

YEARS

NOV

PAGE

2100-2300

Temp								TEMPER								,		TOTAL		TOTAL	,
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24	25 - 26	27 - 28 2	9 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
2/ 73		. l	, Z	• 1	.0	•0												14		۵	
0/ 69	• 1	.4	• 9	• 6	. 3	• 1	• 0											78	78	2.4	
8/ 67	- 1	1.3	1.4	. 9 8	- 4	•0												104	<del></del>	<u>33</u>	
4/ 63	.1	2.0	1,3	1.2	. 4 3		.0	.0	1									164		126	
2/ 61	• 1 • 2	1.7	1.2	. B	. 4	• 1	• 0	,					ŀ		Ì			147		145	
8/ 57	.4	2.0	1.9	1.4	• 7		•1	• 1		-						$\neg$		225		172	1
6/ 55	5	2.3	2.7	1.8	. 8		٠.		<u> </u>									278		165	_ <u>i</u>
2/ 51	. 2	2.5	2.0	1.4	. 9 9	•4	• 1											237 219	237	188 245	1
0/ 49	• 2	1.7	2.3	1.5	1.2		•0											240			1
6/ 45	<u>,2</u>	1.8	2,2	1.9	_ <u></u>	• 1				<del>                                     </del>								217		217 223	<del></del>
4/ 43	. 2	1.4	2,2	1,2	. 7	•1				ļ	<u> </u>							182	182	215	<u>l_i</u>
2/ 41	,0	1.4	2.2	1.4	. 4 2													177	177	227 224	
8/ 37	. 1	• 9	. 9	• 9	·į													90	90	166	
6/ 35 34/ 33	-1	, 4	, 8 , 4	•4	.0					-								59 35	<del>,</del>	147	
2/ 31		, 2	• 4 • 2	• 2				ļ		ļ								20	20	56	_i
0/ 29	•0	• 1 • 1	, 4 , Î	• 1														19		33 25	
6/ 25			• 1	•0														5			
2/ 21			• 1			<del>                                     </del>		<del>                                     </del>		<del>                                     </del>	-							2		8	
0/ 19						ļ		ļ		<u> </u>											
8/ 17 6/ 15										ļ										2	
4/ 13																					
2/ 11						<del>                                     </del>				<del>                                     </del>	<del>                                     </del>	<del>                                     </del>								<del>                                     </del>	<del>                                     </del>
8/ 7		Σχ2			Σχ	<del></del>	<u> </u>	σ <sub>8</sub>	<u></u>	No. 0	<u> </u>				Mana No	- A 14		h Tempera	1	<u> </u>	<u> </u>
el. Hum.		- X ·			<del>- x</del>		X			70. 0	<del>""</del>	± 0 F	т.	32 F	#ean No		73 F	2 80 F	≥ 93	F	Total
ry Bulb						-		-	$\dashv$				+	32 1	10/1	+-	,,,	- 50 F		<del></del>	. 0,01
et Bulb																					
ew Point											i		$\neg$			$\neg \neg$					

C FORM 0.26.5 (O) A) REVISED MEYIOUS EDITH

ISAFETAC FORM S. S.

DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC MAXWELL APB ALABAMA/MUNTGUMERY
STATION NAME WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 23 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 3,127,832,622,010,2 3,2 3202 3203 3202 3203 No. Obs. 74.914.617 52.2 9.546 48.2 9.765 3202 3202 18667252 239964 9003969 167023 7752119 154441 Wet Bulb 3203 90

#### **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-71

STATION STATION NAME

PAGE 1 ORGANO200
HOURE IL S. T.)

TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) Temp (F) D.B. W.B. Dry Bulb Wet Bulb Dew Poin 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 72/ 70/ 50/ 1,39 26/ 10/ 8/ 273 F 280 F 293 F Dry Bulb Wet Bulb

FORM 0.26-5 (OL A) REV

USAFETAC 101M

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC HAXWELL AFB ALABAMA/MONTGOMERY 37-71 DEC -0000-0200 PAGE 2 Temp, (F) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Po 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 6/ 2/ =4/ =5 =6/ =7 TOTAL 10.344.730.011.3 3240 3239 3239 3239 9 Element (X) No. Obs. Mean No. of Hours with Temperature 21570063 80.414.180 45.010.225 42.410.570 260301 Rel. Hum. 3239 ± 32 F 267 F 273 F 280 F Dry Bulb 6886923 145059 3240 9,4 6177383 3239 93 Wet Bulb

1 . . . .

2 52

Marie Control of the

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC NAXWELL AFB ALABAMA/MONTGOMERY 37-71 WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 72/ 71 70/ 69 66/ 57 60/ 58/ <u>53</u> 40/ 37 32, • 1 12/

CONTRACTOR SHOULD AND A WATER

10/ 8/

Dry Bulb Wet Bulb

No. Obs.

Mean No. of Hours with Temperature

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY UŞÂF ETAC AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MUNTGUMERY
STATION NAME DEC 0300-0500 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 | 24 | 25 - 26 | 27 - 28 | 29 - 30 | 0/ -2/ -3 -4/ -5 TUTAL 6.9 3230 3230 3230 E 0.26.5 (OL A) No. Obs. 268636 140044 133137 22938642 6439456 5878745 3230 3234 83.213.206 43.310.770 41.211.004 1 32 F Rel. Hum. + 67 F = 73 F 93 93 Dry Bulb Control of the Contro

The state of the s

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/MONTGOMERY WET BULB - MPERATURE DEPRESSION (F) TOTAL TOTAL 2 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 Wet Bulb Dew Poin 72/ 71 70/ 69 68/ 67 64/ 63 87 59 57 93 93 91 60/ 53 97 98 3.0 37 35 33 29 27 25 23 21 19 17 15 13 199 259 242 95 59 20/ 10/ , O Element (X) Dry Bulb

The same of the same of the same

DATA PRUCESSING BRANCH
USAF ETAC

AIR WEATHER SERVICE/MAC

13821 MAXWELL AFB ALABAMA/MUNTGOMERY 37-72

FAGE 2 OGOO-OBOO

HOURS ILL. S. T.)

Temp

(F) WET BULB TEMPERATURE DEPRESSION (F)

(F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point

4/ 3 0/ 01 2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point

4/ 3 0/ 01 2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point

4/ 3 0/ 01 2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point

4/ 3 0/ 01 2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point

4/ 3 0/ 01 2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point

4/ 3 0/ 01 2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point

4/ 3 0/ 01 2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point

4/ 3 0/ 01 2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point

4/ 3 0/ 01 2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point

4/ 3 0/ 01 2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point

4/ 3 0/ 01 2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point

4/ 3 0/ 01 2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point

• • • • • • • • • • • • • • • • • • • •			3	1		7 - 10	***	10 17	1.5					1 1						,	
4/ 3																		İ			2
0/ ul =2/ =3 =4/ =5	<b> </b> -	ļ	├	<del> </del>				<del> </del>	-	<del> </del> -											
-4/ -5		Ì							t	İ											2
TOTAL	14.2	52.5	24.1	6.7	2.1	• 5	.1	1	<del>                                     </del>	i	<del> </del>	<del> </del>		i					3326	i	3325
• ~ • · · ·				L					<u> </u>	<u> </u>		<u> </u>						3325		3325	
						l					Ī										
		ļ		<u> </u>			<u> </u>		<b> </b>	<u> </u>	<u> </u>	<u> </u>	<u> </u>								
	l		İ								l									l i	ĺ
	<del> </del>	├				├	<del>                                     </del>	<del> </del>	-	<del> </del>		├								<del> </del>	
	1			İ			İ				ļ	1	1	i i	Ì						
	<del></del>	<del>                                     </del>	i	-	<del> </del>		<del>                                     </del>		!	<del>                                     </del>	1	<del>                                     </del>	<del> </del>	<del> </del>							
	-	ļ	1					1	ļ			ļ									
						Ī			Ï												
	<u> </u>		l	<u> </u>			<u> </u>	<u> </u>	<u> </u>	ļ	<u> </u>	ļ	ļ								<u> </u>
	1	ł			İ	l	1	ĺ											ļ		; 1
	· –	,	<del></del>				'		٠		├	├	-				<del> </del> -			<b></b>	<b></b> -
	1		1		ļ	ł	1	1				1	i	i i			1	l i			
		<del></del> -	ī	!	<del>{</del>	1	<del> </del>	,		┪──	+	<del> </del>	<del> </del>	-			<del> </del>			i~	<del> </del>
	:	}	I	•	i			1	i			ļ		1				l i			
- <del>-</del> -		† -	• •				<del> </del>		T	1			Ī								
	1	1	l	<u>_</u>			· 	<u></u>	ļ	<u> </u>	<u> </u>		<u> </u>	<u> </u>			<u> </u>				<u></u> .
	1	i	1	į	1	•	ł	1	ŧ				İ				l				l
	<u>.</u>	ļ		<b></b>	ļ.,	<del> </del>	]	.ļ	<del></del>	,	<del> </del>	<del> </del>	ļ	ļ			<del> </del>	ļl			<del>  </del>
	ł	1			į	;			Ì	1				1			1	]			
	<u>-</u>	.'	_		<del></del>		<del>  -  </del>	-	┼	╁─	<del> </del>	<del> </del> -	<del> </del>				├			<del> </del>	<del> </del>
		1				!	i		1		1	!	1		i l			1	i.	!	
	i	+-	i	:	:	<del>                                     </del>	,	1	1	· <del> </del>	<del> </del>	7	<del> </del>	<del> </del>			<del>                                     </del>				
	1	ł	•	ı	1		1	1	ļ	1			]	İ			<u></u>				
	·•	1	-,	. —	T -				Τ.		1	Ī									
	·	1				J	<u> </u>	<u>.</u>	<u> </u>	┙—		ــــــــــــــــــــــــــــــــــــــ	<u> </u>	<u></u>	<u> </u>	L	<u> </u>			<u></u>	<u> </u>
El- ent 1		<u> </u>			Z <sub>X</sub> "757 1442 137.				-	Hr. G		<b> </b>						h Temperat			
nel Mu D E. Wer Bulb	1	- 77 -	10 /69 59074	}' '1	*757	75	82.5	13.	376	3	325	= 0	F	: 32 F	≥ 67	F	73 F	≥ 80 F	* 93 1	<u> </u>	Total
D 2.	l	)(	9074	!	1442	실립-	43.4	II.	271	33	326	<del> </del>	¦-	15.0	1	<u>8</u> غر		<del> </del>			93
wet Bulb	ſ	UU	4085	기	137.	<u>, 41                                   </u>	710	314 4 9	201	3:	325	<u></u>		6407	!	_:ع د		<u> </u>			93

A CONT. PROPERTY

PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY DEC 0900-1100 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 80/ 79 76/ 74/72/ 70/ 88 66/ 65 64/ 63 60/ 56/ 54/ 52/ 48/ 46/ 45 44/ 

± 32 F

± 0 F

Ž0

FORM 0.26-5 (OL A)

20/ 19 18/ 17

36/ 35

32/ 31

30/

28/ 27

20/

Dry Bulb Wet Bulb

DATA PROCESSING BRANCH

70 25

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 0900-1100 HOURS (L. S. T.) TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point Temp (F) WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | ≥ 31 12/ 11 10/ 9 8/ 7 • 0 0/ -2/ 12/-13 TÜŢĀL 3342 4.522.423.023.515.3 7.1 2.9 3342 3342 3342 ¢ 0.26.5 (OL 7279271 No. Obs. 231738 167620 131995 69.317.958 30.210.310 45.510.474 39.813.455 334<u>2</u> 3342 Rel. Hum, ± 32 F ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F 3,0 Wet Bulb 3342 93 132869

MANAGEMENT ASSESSMENT

DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC MLXHELL AFB ALABAMA/MONTGOMERY 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) D.B. W.B. Dry Bult Wet Bult Dew Poin 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 2: -22 23-24 25-26 27-28 29-30 = 31 84/ 83 11 76/ 75 60 81 81 72/ 71 116 116 69 138 138 68/ 67 61 153 153 66/ 185 195 1,54 63 169 169 62/ 6) 118 208 208 60/ 54 157 233 233 117 58/ 57 216 216 12,9 56/ 55 241 53 51 723 200 223 52/ 239 239 125 1 34 1,9 235 235 223 47 253 203 209 119 170 631 115 115 .0 كانزز 23 14 91 91 40/ 38/ 3? 37 91 44 36/ 35 .0 32/ 31 1.0 10 165 <u>30</u>/ 185 28/ 27 14 117 • 0 26/ 8 107 88 20/ 68 18/ X Mean No. of Hours with Temperature Element (X) ≥ 93 F Rel. Hum. ≤ 32 F - /3 F ≥ 87 F Dy Bulb

TOWN TO BE SEEN TO SEE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY MAXWELL AFB ALABAMA/MONTGOMERY

STATION NAME 13823 STATION 37-72 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 1 - 12 | 13 - 14 | 15 - 10 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.O. C | Bulb Wet Bulb Dew Point 25 10/ -2/ TOTAL 2.412.611.011.818.619.013.7 3335 3335 3335 0.26.5 (OL A) No. Obs. Mean No. of Hours with Temperature Elemen! (X) 192996 187424 162217 12613952 10880014 8212837 57.920.821 56.210.201 48.6 9.835 3335 3335 ≥ 67 F ≥ 73 F ≥ 80 F Rel Hum. 93 Dry Bulb 16,5 93 Wet Rulb 3335

#### PSYCHROMETRIC SUMMARY

MAXWELL AFB ALABAMA/MONTGOMERY \_1500m1700 TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb L WET DULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 5 | 27 - 28 | 29 - 30 | 31 82/ 81 80/ 79 78/ 70/ 66/ 65 3,73 251 60/ 59 53 2Ò2 1.2 .0 37 38/ 34/ 30/ 26/ 22/ 20/ 19 18/ 17 Mean No. of Hours with Temperature Element (X) ≥ 73 F ≥ 80 F Rel. Hum. Dry Bulb

AFETAC 12EM

Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AJR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME PAGE 2 1500=1700 HOURS (L. S. T.) TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 2,413,312,012,517,919,212,8 6,6 2,1 3342 3342 3342 3342 Mean No. of Hours with Temperature Element (X) No. Obs. 12970387 10784024 8197650 196205 187006 58.720.843 56.0 9.785 48.6 9.571 3342 3342 3342 Rel. Hum. 93 93 Dry Bulb 162400

Remarks the same

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC MAXWELL AFB ALABAMA/MIN'TGOMERY PAGE 1 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 76/ 75 74/ 73 72/ 71 70/ 69 72: 68/ 67 66/ 65 64/ 63 62/ 61 60/ 59 54/ 53 52/ ,0 48/ 46/ 45 40/ 28/ 27 26/ 25 24/ 23 20/ 16/ 15 14/ 13 12/ 11 Mean No. of Hours with Temperature 267 F 273 F 280 F 293 F Rel. Hum. Dry Bulb Wet Bulb

THE WHITE WASHINGTON

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME 37-72 PAGE 2 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL
1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Poin (F) 8/ 7,8 4,120,522,925.017,5 3314 3315 3314 3315 No. Ob. Element (X) Mean No. of Hours with Temperature 16791626 228588 Rel. Hum. 69.017.585 3314 \* 0 F ≤ 32 F ≥ 67 F ≥ 73 F 168234 152398 50.8 9.416 46.0 9.755 3314 3315 8834096 Dry Bulb 93 6.5

Commence that were

# **PSYCHROMETRIC SUMMARY**

13821 MAXWELL AFB ALABAMA/MONTGOMERY 37-72

STATION NAME

STATION NAME

TEARS

DEC

MONTH

PAGE ). 2100-2300

Temp				,							SS10H (			,				TOTAL		TOTAL	,
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	2 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Par
74/ 73		1	•0						ł									2	2		
72/ 71			, 3	0	.0													15	15	1	
70/ 69		. 4	, 2		. 1				1					1				25	25	8	;
68/ 67	ļ	.6		.2	, ô													52	52	22	
66/ 65	l	1.1	, 6	• 2	,0				1					1 1	- 1		l	66	66	45	2
64/ 63	.3		1.0		.1					<u> </u>								90	20	83	6
62/ 61	.3		1.0	. 4		• 0			1	l				1 1	1			119	119	64	6
60/ 59	, 9	2.0				• 2								<u> </u>				130	130	125	8
58/ 57	. 5	1.5			. 3	• 1				ļ							-	149	149	130	11
56/ 55	. 4	100		,5					ļ									145	145	112	
54/ 53	. 8				.6 5	• 2	•0	•0	l	İ							1	176	176	139	12
52/ 51	,4			1.0	.5		1											193		115	11
50/ 49	,7	2.2		1.6			1	ì		1	]			l 1				227	227	184	
48/ 47	5	2.0		1,8	·		<u>و . ا</u>							<u>  </u>				235	235	204	
40/ 45	.4	2.3		2.5		• 2	• 1											293	293	194	13
44/ 43	.6		1		. 8													301	301	256	13
42/ 41	, 3				.7	•0				ĺ	İ	]	İ					254		262	
40/ 39	. 5	1.6							<u> </u>		<u> </u>			<u> </u>				220	220	316	
38/ 37	.1			1.4	.3	ł		l		1				1 1				197		241	
36/ 35		1.2	1.7	9	. 2			<u> </u>	<u> </u>							ļ <u>.</u>		138	138	224	18
34/ 33	. 1		1.1	.6				ł		l								88	88	183	
32/ 31	1			.4	0		<u> </u>			<u> </u>								60	60	130	
30/ 29	1	. 5	1.0	,4	1					}				1 1				60	60	84	-
28/ 27			·	<del></del>	<u> </u>				l	ļ			<u> </u>				ļ	36	36	75	
26/ 25	ŀ	• 1	. • 3	• 1	İ		ļ				Ì							1,3	13	60	
24/ 23	ļ	<u> </u>		·	<u> </u>				ļ									4	4	20	
22/ 21	1	(	)}					ĺ			ĺ							1	1	8	
20/ 19	ļ. <u></u>	<u> </u>	1	<u> </u>	ļ		<u> </u>		ļ				<u> </u>					2	2	4	5
18/ 17	Ì		)			1			1									1	1	1	6
16/ 15	<u> </u>	<u> </u>		!	<u> </u>	<u> </u>			<u> </u>		ļ	<u> </u>						ļ		2	4
14/ 13	1						1		1				1								1
12/ 11	<u> </u>	1	·I	<u> </u>	ļ					<u> </u>		<u> </u>		<u>                                       </u>				3	3		1
10/ 9												1	j							3	
8/ 7	<del> </del>	Z X 2	J	<del> </del>	ΣX		<del></del>		<del></del>	No. OI		L			Mari 1	10 -1 1		h Tempera	<u></u>	<u> </u>	1
Elemen* (X) Rel Hum.		2 X.		·	2 X		X			No. UI	··		- 1	± 32 F	Mean F	<del></del>	73 F	n lempero ≥ 80 F	10re   ≥ 93	- 1	Total
Dry Bulb	<del> </del>			<del> </del>				<del></del>				10		2 J2 F	- 6/	<del></del> -	: /3 F	2 80 7	73	<del>-  </del>	10101
Wet Bulb	<del> </del>			┼─				├					-+					<del> </del>	<del>- </del> -		
Dew Point				·				<del> </del>										<del> </del>	<del></del>	<del></del>	
20.0 1 0101				<u> </u>											<u> </u>			I			

C FOLM 0.26-5 (OL A) HUME

B B

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC MAXWELL APB ALABAMA/MONTGOMERY
STATION NAME 37-72 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 21 -2/ -6/ -7 IUTAL 6,532,433,218,6 7.0 1.9 3295 3295 3295 3295 0.26.5 (OL A) No. Obs. Mean No. of Hours with Temperature El ment (X) 19836975 7707741 6718329 250543 156077 76.015.451 267 F 273 F 280 F 293 F 3295 1 32 F Rel. Hum. 3295 5.1 93 Dry Bulb 3295 93 144967 10.9

1

#### MEANS AND STANDARD DEVIATIONS

#### DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

821	КАН	(MFĻĻ Ā	GB VLVI	;AMA/M(	DNĬĠŮW	RY	37-7	2						
STATION	-		STATE	ON NAME						YEARS				
RSILSTI		JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	OCT	NOV	DEC	ANNUA
00 <b>-</b> 02.	MEAN S D TOTAL OBS	44.3 11.620 3213	10,773	51.9 9;750 3125	7,509	5,938 3158	73.2 4.185 3053	75.1 2.946 3150		70.4 5,567 3144	8:125 3240		10.225	59 14+0 375
)305	MEAN S D TOTAL OBS		11,139	10,300	3.054	64,5 6,210 3155	4,203	2.769	3.062	5,723		10.465	10.770	57 14,2 376
)6~0 <b>8</b>	MEAN S D TOTAL OBS		11,344	50.8 10.436 31.7	8.224	69.0 6,597 3239	75,9 5,007 3125	3,731	4.118	6,148	8.710	10,455	11,071	15.0 38
9-11	MEAN S D TOTAL OBS		11,138		0,536	6,845	5,416	4,724	4.746		8.069	10.062	10.310	16.1 38
2-14	MEAN S D TOTAL OBS		11,181	10,573	8,239	6,996	5,995	5,514	5,208	6,824	76.3 7.674 3339	9,952	10,201	15. 38
5+17	MEAN S D TOTAL OBS	54,7 11,326 3236	10,756	10.220	8,121	82,4 7,207 3240	6,694	6,570	5.927	6,916		62,8 9,622 3233	9,785	7 15 9 36
8 <b>-20</b>	MEAN S D TOTAL OBS		10,313	29,7 9,443 3127	7.608	0,748	5,977		5.028	6,156		9.269	9,416	14 e 38
1-23	MEAN S D TOTAL OBS		10,400	35,2 9,263 3114	7,302	70.4 5.965 3184	4,564	3,045		5,651		9,346	9,775	14 g 37
ALL HOURS	MEAN S D TOTAL OBS	48,0 12,455	20,9 12,036 23478	57,1 11,565	66,2 10,185 24836	73,8 7,293 25714	7,976	7,099	7,227	8,547	10,429	55,0 11,545 25634	49,1 11,296 26428	15 e 304

USAFETAC FORM 0-89-5 (OLI)

# MEANS AND STANDARD DEVIATIONS

WET-RULB TEMPERATURES DEG P FRUM HOURLY OBSERVATIONS

13821	MAXWELL ALB ALABAMA/MONTGOMERY	27=72
STATION	CTATION NAME	VIAAC

IRS (L S T )		JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	***			DEC	ANNUAL
1K3 [[ 3 ] ]	MEAN	41.8	43.5	48.4	55.9					SEP ST.	97.;	NOV A		
90=02	S D	11.9001						2,731	3.033	5,853		10.1663	42.4	56.6 14.03
	TOTAL OBS	,	2935	3115	3049	3157			300	3144	3240	3144	3239	3751
			<u> </u>	* 100	3047	<u> </u>		2477		4 4 7 7 7	2470		_3637	
i	MEAN	40,7	42.3.	47.1	54.6	61.7	68.7	71.3	71,0	66,3	55.6	45.7	41.2	55,
03=05.	S D	12,3101		0.741	5.489	6.336	4.354	2.895	7.212	6.096		10,5201	1.006	14,35
	TOTAL OBS		2934	3112	3049	3186	3013	3168	3099	3173	5263	314c	3230	
	,	L	·											
~4	MEAN	40.5		47,6	56,2	63.6		72.9	72,4	67.3			419	56,
0000		12,4711					4 - 300	2.781	3,353	1 - 2		10 ( 504)		14,941
	TOTAL OBS	3236	2935	3108	3129	3239	3125	3195	3159	3232	3326	3227	3325	38230
	MEAN	44.1	46.3	.51.7	60.0	66,9	73.0	75,3	75,0	70.5	61,5	31.1	45.5	60.1
09-11		11,7911								5.552	7.676			14.04
	TOTAL OBS		2937	3113	3127	3232	3129		3159	3226		3222	3,12	38201
		3.775.2	<u> </u>											3450
	MEAN	47,3	49.4		61.6			75,7	75,3	71,2	63.1	53.6	46.0	61,8
12-14	S D	11,1111	0.224	9,417	7,258	5,405	3 8 2	2,815	2,955	5.021	7.085	9.22	9.835	
	TOTAL OBS	3236	2936	3116:	3127	3235	3124	320	3158	32:2	3339		3335	
	·	47 8		-	4. 4:	69 4	70 0	76 0		4- 0				
	MEAN	47.5	49.5	27 + 31	01.0	67 • 4	1211	75,1	74,8				48.6	61
15-17	S D		9,912				3.00	20147	2,861	4 . 8 9 5	6,997			12.52
	1012003	3236	2928	3117	3129	3240	3119	3510	3133	3231	3334	3233	3342	38272
	MEAN	45.2	47.1	52.1	59,7	66.0	71.9	74,0	73.8	69,	60,5	5 3	46.0	59,7
18-20	S D	11,0651			7.718			2,069	2.896	5-156	7,528			13,14
	TOTAL OBS		2933	3123	3123	3238	3122		3156	3231	3357	2222	3315	38218
					***	1								
	MEAN	43,3	45.1	50,2	57.7	64,4	70.7	73,0	72.8	68,2	50.00	48.2	44.0	28,0
21-23	S D	11,5442		9,545	7,545	5,632	3,844	2,653				9.705	0.165	.3,65
	TOTAL OBS	3221	2939	3110	3097	3164	3076	3164	3097	3176	3274	3203		. 836
		42 8	4.5	#n =		4 82 -	79.4	70 40 40	186	40 0	70-7			
ALL	MEAN	43.8	45.7	50.7	58.5			73.7	7314	68 8				58,7
HOURS	S D	11,9271				6.114		3,173	3,384	5,832		10.2381		13,89
	TOTAL UBS	25834	201105	6771	24830	25711	744C3	25487	25050	25645	20444	25619	26423	304267

USAFETAC FORM 0 89-5 (OLI)

### MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13821	MAXWELL AS ALAHAMA/MONTGOMERY	37-72
STATION	STA' ON NAME	YEARS
LUGS II C T )	I IAN SER HAD ARR MAY	IIIN IIII ANG I SER OCT NOV

HRS (LST)		JAN	FEB	MAR	APR ,	MAY	JUN	JUL ;	AUG	SEP .	OCT	NOV	DEC	ANNUAL
	MEAN	38.3	39.4	44.6	52.8	60.4	67.7	70.7	70.5	65.3	54.8	44.0	39.0	53.9
00-02	, S D	14.2511	3,686	12,321	9,678		4,713	3,192	3,304	6,756	9,5531	1.769	12,398	15,662
	TOTAL OBS	3213	2938	3119	3049	3157	3051	3149	3069		3246	3144		37518
						!								
	MEAN	37,6	38,8					, - ,						33,4
03-05	, SD	14,2773	3,862	12,591		7,103	4,880	3,294		6,861	9,7081	1.527	12,744	15,777
	TOTAL OBS	3223	2933	3112	3049	3186	3079	3168	3099	3173	3263	3140	3230	37655
				<u> </u>										
	MEAN	37,3					68.2				54.1	43,2		53,6
06=08	SD	14,4681					5,128		3,755	7.019	9,885]	2.060	13.028	16,201
	TOTAL OBS	3236	2935	3100	3129	3239	3126	3194	3159	3232	3326	3227	3325	38236
				<u> </u>										
_	MEAN	38,4	39.5			60.4		71.1	70,8			44,2		54.2
02-11		14,9131									10.7153			16,287
	TOTAL OBS	3238	2937	3113	3127	3232	3129	3201	3159	3226	3335	3219	3342	38258
											-			
	MEAN	38.8	39.7		52.0	59.0	06.0	70,1	09.4	64.3	53,6	43.5	90.1	53,5
12-14		15,1351	4 0 0 8	13 400	11 JAS	0 0 10	3 . 5 50	4.242	4,771	7,302	11,2420			16,057
	TOTAL OBS	3236	2938	3170	3127	3235	3124	3203	3158	3232	3339	37.27	3335	38270
<del></del> -				4.0.0			64 0	40 9	100	44.5		45.4		72.0
	MEAN	38.9	39.5		21.0	58,5 8,327	-00 · Z	69.7	69.0		53.9			53.3
15-17		15,0641			110011	9921	2,703	79661	4,616		10.8401			15,849
	TOTAL OBS	3236	2928	3117	3159	3239	3120	3209	3153	3231	3334	3233	.3342	38271
	MEAN	70 1	39.9	44 4	**	59,9	47 7	70 4	170 7	48.4	88 -9	44 2	40.0	B4 3
18 20	1	39,1 14,2561				7 442	67.3 5,371	70.6 3.608	70,3		9.7801			54,2 15,569
18-20	TOTAL OBS		2932		3123				3156					38217
	:	9601	4776		4163	3230			7100	- 25-21	7361	3666	2010	3021
	MEAN	38.7	39,8	4".	53,3	60,8	68,1	71.0	70.7	65.7	54 R	44.0	39.8	54.3
21-23	1	14.2091					4.488	3,171	3 498		9.6311			15,620
44.00	TOTAL OBS		2930						3097					37836
	+ 3	75.54				7,04		7,77	1	7.10	76.7			
	MEAN	38.4	39,4	44,3	52.6	5979	67.4	70.5	70,1	65,0	54.4	43.7	39.5	53,8
ALL	S	14,595	4.124	37.7	10.550	7.75	5-347	70.5	4.027	7.027	10.217			15.886
HOURS	TAL UBS	1834	23480	24918	2.7830	25710	24827	29485	25050	25645	20444	25015		304261
		1 703	2040()	67710	5.1030	50110	27061	20797	20000	23043	CYTT	20010	20423	304501

USAFETAC FORM 0-89-5 (OLI)

€

DATA PRUCESSING BRANCH ETAC/USAF AR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13821 MAXWELL AFB ALIBAMA/MONTGOHERY

STATION STATION NAME

37=72

ALL

# UMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OF SERVATIONS)

MONTH	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										Ir
	(LST)	10:•	20%	10%	a 5%	2%	60%	70%	80	90%	RELATIVE HUMIDITY	ن ن
JAN	ALL	£00.ti	29,9	97.8	92,4	83.3	71.8	56.4	1 40+>	19.8	71.5	25827
ĻЕВ		100.0	19,5	95.7	67.7	76.3	63,9	49.3	33.9	16.1	67.3	23480
MAR		100.0	99,4	24.0	84.8	73.2	60.2	45.9	31.3	14.1	J. 12	24916
APR		100.0	99,5	94.5	84.8	72.9	59,8	45.5	29,9	11.0	65.4	24827
MAY		100.0	99.8	96.3	86.7	73.4	59.9	45.7	27.7	8.6	65.6	25710
JUN		100.0	100,0	98,9	92.7	80.6	67.1	52.5	35,1	9.0	69.3	24823
JUL		100.0	100.0	99.7	96.8	88.1	75,4	60.2	42,8	13.3	73.4	25484
ĄUG		100.0	100,0	99.7	96,3	86.3	73,3	58,6	41.6	13,2	72,7	25050
SEP		100.0	100,0	98,8	93,4	83.4	70,7	56,4	40+4	13.0	71.4	25641
דטט		100.0	99,6	96.7	89.0	78.9	67,1	54.2	37.9	13.7	69.4	26442
ÑOA		100.0	99,6	96.1	38.8	78.5	66,7	52,8	36,3	16.1	69.2	25612
DEC		100.0	99,8	98.1	92,5	83.4	71,6	57.0	40,9	20.7	72.2	26422
101	ALS	100.0	99,8	97.2	90.5	79.9	\$7.2	52.9	36.7	14.1	63.5	304234

USAFETAC FORM 0-87-5 (OL A)

DA" C .: TSING BRANCH SERVICE/MAC

**RELATIVE HUMIDITY** 

13821 STATION

MAXWELL ALB ALABAMA/MONTGOMERY

STATION NAME

37-41,43-72

JAN

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS (L S T.)		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									
		10%	20%	30%	40%	50%	60%	70%	80%	9G %	RELATIVE	NO OF OBS.
JAN	00-02	100,0	100,0	100.0	99.2	96.5	88,6	73,9	55,6	28.4	80.0	3213
	03=05	100.0	1.00	100.0	99.8	98.0	92.3	80.7	63,3	34.0	82.6	3223
	06≂08	100.0	100,0	99,9	99,7	97.9	92,2	79.4	61,5	32.7	82.1	323
	08=11	100.0	100,0	39,4	94,4	85 • 2	67,7	49.8	32,9	13,8	69.8	3238
	12=14	100.0	99,5	92.7	78,1	60.3	43.2	29,2	18,5	8,3	58,6	3234
	15-17	100.0	99,5	91.2	76,6	59.1	43.1	30.2	20,3	9.5	58.5	3233
	18-20	100.0	100,0	99.4	93,6	79,8	63,7	45,7	27,9	13.3	68.1	323
	21-23	100,0	100,0	99.9	98.0	91.7	78,8	62,6	42,2	18,3	74.9	322
	TALS	100.0	99,9	97.8	92,4	83.3	71.2	56.4	40,3	19.8	71.0	2582

USAFETAC C-87-5 (OL . ) DATA PROCESSING BRANCH ETAC/USAF AIR HEATHER SERVICE/MAC

#### **RELATIVE HUMIDITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME

37-41,43-72

FEB

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									
		10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO OF OBS.
	00=0S	100.0	100,0	99,9	98,9	93.5	63,3	67,8	48 • 2	22.2	77.2	2938
	03-05	100.9	100,0	99.9	99,1	95.8	89.0	75,3	57,8	30.3	80.6	2933
	06+06	100.0	100,0	99.9	98,9	95,3	87,9	73,2	54,9	27.0	79.4	293
	09=11	100.0	99,8	98.0	88,4	73.1	57,0	40.3	24,0	10.0	64.7	2937
·	12-14	100.0	98,3	86.8	68,3	50.7	36.2	24.2	14.2	6,2	54.0	2938
************	15-17	100.0	98.0	84.3	64,8	48.3	34.5	24.4	15,0	7,5	53.3	2928
	18-20	100.0	100,0	97.3	86,7	68,0	51.8	35,8	22,7	10.3	62.9	2932
	21-23	100.0	100,0	99,6	96,1	85,9	71,5	53,4	34,7	15.0	71.3	2939
10	TALS	100.0	99,5	95.7	§7,7	76,3	63,9	49,3	33,9	16,1	67,9	2348

USAFETAC

### **RELATIVE HUMIDITY**

13L21

MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME

MAR

2

₹.

€

C

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS	ļ !		PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL NO OF
MONIH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	YTHOIMUH	OBS
MAR.	00=02	100.0	100,0	99.8	99.0	95.5	83,6	67.0	46,2	19.3	76.9	3118
	03-05	100.0	100,0	99.9	99,5	97.5	91,7	78.7	58,2	29.4	81.4	3112
	06=08	100.0	190,0	99.8	98.9	94,7	86,3	71,1	50,5	23.6	78.3	3108
	09-11	100.0	59.5	66.3	83.1	65,4	47.9	32.9	20,2	8.5	61.0	3113
	12-14	100.0	98,4	81.5	61,3	43.1	29,6	18,8	11,2	4,9	50.4	3112
	15-17	100.0	97,3	78.4	57,2	41.1	28.2	18.4	12,3	5.6	49,5	3117
	18-20	;00.U	99,8	96.6	81.8	62.2	45,7	30.9	19,9	9.3	60.1	3123
	21+23	100.0	100,0	99,8	97,4	86,2	68,3	49,2	31,7	12.5	70.1	3,10
10	TALS	100-0	99,4	94.0	84,8	73+2	60,2	45,4	31,3	14.1	66.9	2491

#### **RELATIVE HUMIDITY**

HAXWELL AFB ALABAMA/MONTGONERY

37-41,43-72

APR

2

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN HOURS RELATIVE HUMIDITY MONTH NO OF OBS (LST) 10% 20% 30% 40% 50% 70% 80% 90% 99.9 99.2 APR S0=00 100.0 100.0 97.2 90.6 76.2 50.7 78.8 16.6 3049 03-05 100.0 99,9 99.0 100 .C 100.0 96.5 87.4 67,6 30.4 84.0 3049 06-08 100.0 100,0 99.9 99.0 94,9 86.0 70.0 46,9 15.3 77.0 3129 09-11 100.0 99,9 95.7 81,5 64.0 43,4 24.8 11.7 4.0 58.1 3124 12-14 100.0 98,7 82.9 59,9 37.9 21.9 13.2 7,6 3.4 48.1 3127 15-17 100.0 97,9 80.2 55,5 35.3 21.5 14.1 8,7 3.1 47.1 3129 18-20 100.0 99.8 97.2 85,5 65.4 43,4 26.1 15,4 5,5 59.3 3123 21-23 100.0 100,0 99.8 97 47 89,5 75,1 51.8 9.9 3097 30,4 71.0 TOTALS 100.0 99,5 94.5 84.8 72.9 59,8 45,5 29.9 65.4 24827 11.0

#### **RELATIVE HUMIDITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY

37-41,43-72

MAY

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
монтн	(L S.T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS
MEY	06-02	100.0	100,0	100.0	100.0	99.2	95,7	82.0	56.6	16.4	80.6	315
	03-05	100.0	100.0	100.0	100.0	99.8	99,0	92,8	75,6	26.0	85.2	318
	06-08	100.0	100,0	99.3	99,4	96.6	37,8	68,0	40,0	8.1	73.6	323
	09-11	100.0	99,9	96.08	86.1	63.6	37,6	18.2	7,1	1.5	56.5	323
	12-14	100.0	99,2	88,3	62.1	34.0	16.5	9.1	4,8	1,3	47.1	323
	15-17	100.0	99.0	87.0	58,4	32.3	19,2	12,3	7,1	2,3	47.2	323
	18-20	100.0	99,9	98.2	88,3	67.2	42,8	25,8	14+1	3.6	59.5	323
	21-23	100.0	100,0	100.0	99,5	94,7	80+3	57,3	31,9	9,3	72.9	318
TO	TALS	100.0	99,8	96.3	86,7	73.4	59,9	45,7	29.7	8.6	65.6	2571

USAFETAC

0-87-5 (OL A)

WALTER THE STANK CONTRACTOR OF THE AC-

### **RELATIVE HUMIDITY**

13821

MAXWELL ALB ALABAMA/MONTGOMERY

JUN

1

K

4

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL NO OF
HTMOM	(L S T)	10%	20%	30%	40%	50%	60%	T_,	80%	90%	HUMIDITY	OBS.
JUN	00=02	100.0	100,0	100:0	100.0	99.9	98.4	-1.2	68,6	18,8	83.5	3050
	03-05	100.0	100,0	100.0	100.0	100.0	99,7	96.8	86,9	29,4	87,4	3079
	06≖08	100.0	100,0	100.0	99,9	98,9	93,3	78,1	45,1	7.5	77.8	3126
	09-11	100.0	100,0	99.4	94,4	78.0	48.7	19.8	7,1	2.3	60,4	3127
	12-14	100.0	79,9	96.6	78.1	44,9	21,7	10.6	5,3	1,5	51.4	3124
	15-17	100.0	99,9	95.4	74.9	45.7	27,7	16,6	8,5	2.6	52.7	3119
	18-20	100.0	100.0	99,4	94.2	78,9	56,8	35,6	18,6	4,8	64.3	3122
	21-23	100.0	100,0	100.0	99,9	98+4	90.6	71.2	40,3	9,6	76.6	3076
					-							
TC	TALS	100.0	100,0	98,9	92.7	80.6	67.1	52,5	35,1	9.6	69,3	24823

## **RELATIVE HUMIDITY**

13521 STATION

MAXWELL AFB ALABAMA/MONTGOMERY
STATION NAME

JUL

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAC	SE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONIN	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS
JUL	00=02	100.0	100+0	100.0	100.0	99.9	99,6	96,7	81,1	25.1	86.3	3149
	03=05	100.0	100,0	100.0	100.0	100+0	99,9	98.6	92.2	40.6	89.3	3168
	06=08	100.0	100,0	100.0	100.0	99.7	97,7	87,1	57,7	12.1	81.2	3194
	09=11	100.0	100,0	99.9	97.8	88.5	63,9	28.6	8+1	1.9	64.4	3201
	12-14	100.0	100,0	99.0	90+3	63.3	32.1	13.2	6,8	2.0	56,2	3203
	15-17	100.0	100,0	95.3	37,8	63,2	40,2	23,3	13,0	4.0	58,6	3209
	18=20	100.0	100,0	99,9	98.3	90.5	73,1	49,9	27,2	6.9	70.3	3196
•	21-23	100.0	100,0	100.0	100,0	99.6	96,6	84,5	56,2	13,6	80.8	3164
10	TALS	100.0	100,0	99,7	96.8	88.1	75,4	60.2	42,8	13.3	73.4	25484

USAFETAC

### RELATIVE HUMIDITY

MAXWELL AFB ALABAMA/MONTGOHERY

37-41,43-70,72

AUG

STATION

STATION NAME

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

нтиом	HOURS			PERCENTAC	SE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONIH	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
AUG	00+02	100.0	100+0	100.0	100.0	100.0	99,2	96.0	80.7	26.9	86.3	3069
	03-05	100.0	100,0	100.0	100+0	100.0	100.0	98.3	91,7	40+8	89.4	3099
	06=08	100.0	100,0	100.0	100.0	99.7	98,1	88,5	60,7	13,5	81.9	3159
	09=11	100.0	100,0	100.0	98.1	86.8	00,7	26.1	8,6	1.4	63.7	3159
	12-14	100.0	100,0	98,9	87.7	57.4	27,2	10.4	4,7	1.6	54,3	3150
	15-17	100.0	100,0	98.7	85,9	56,5	33,3	17.8	8,9	2.8	55,9	315
	18-20	100.0	100,0	100,0	98,7	90.5	72.6	48,7	23,6	6,0	69,6	3150
	21-23	100.0	100,0	100.0	100+0	99.7	95.1	83,2	54,2	12.6	80.3	309.
<del></del>												
10	TALS	100.0	100,0	99,7	96,3	86,3	73,3	58,6	41,6	13.2	72.7	2505

HOURS

(LST)

00-02

03-05

Çó⇔Çõ

09=11

12-14

15-17

18-20

21-23

TOTALS

10%

100.0

100.0

100.0

100.0

100.0

100.0

100.0

100.0

100.0

100,0

MATTER MARKETON AND A STONE STONE

#### **RELATIVE HUMIDITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY

20%

37-58,60-72

SEP

25641

MONTH

SEP

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE

98.8

83,4

93,4

70.7

2

Ľ

€.

€. C

USAFETAC 0-87-5 (OL A)

(FROM HOURLY OBSERVATIONS) MEAN RELATIVE PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN TOTAL NO OF OBS HUMIDITY 99.7 97.3 84.3 3144 100,0 100.0 100.0 90.0 72,3 24.0 100.0 100.0 100.0 99,9 99,2 94.3 83.9 35,0 87,5 3173 100.0 100.0 99.9 99.1 95,2 84,5 3232 61,8 16.6 31.5 100,0 99.4 93,9 79.7 54.0 27.4 10.9 62,3 3225 2.3 95.6 77.7 100.0 50.3 26,5 12.9 7.1 52.8 3232 2,6 99,8 95.6 75.2 50,5 30.3 17,2 10,6 3,5 54.2 3230 99.9 98.0 89.3 70.5 46,6 69.1 3230 100.0 24.1 6,9 99.8 98.6 78.6 79.2 3175 100.0 100.0 92.8 52,6 12.9

56,4

40,4

13.0

71.4

ATTENDED THE PARTY OF THE PARTY

## **RELATIVE HUMIDITY**

13821

MAXWELL AFB ALABAMA/MONTGOMERY

STATION NAME

37-72

OCT MONTH

STATION

€

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	L FREQUENCY	OF RELATIVE	HUMIDITY G	CATER THAN			MEAN RELATIVE	TOTAL NO OF
HINOM	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
UCT	20~00	100.0	100,0	100.0	99,9	98.7	95.4	87.3	66,3	25.5	53.3	3246
	33≈05	100.0	100,0	100.0	99,9	99,4	97.8	52,5	76,5	36.9	86.2	3263
	06=08	100.0	100,0	100.0	99,6	98,0	94,0	82,4	60,9	21.5	81.5	3326
	09-11	100.0	99,8	96.6	86.6	68.8	46.1	25,8	12.2	2.8	59.4	3335
	12-14	100.0	98,1	86.8	62.0	38,6	21.7	12.4	6,5	2.0	48.3	3338
	15-17	100.0	99,0	90.3	67,7	43,1	24,9	15.0	8 \$ 2	2.3	50.6	3334
	18-20	100.0	100,0	99.8	96,4	87,0	67.2	43,9	22,7	5,6	67.8	3326
,	21=23	100.0	100,0	99,8	99,5	97.2	89,7	74.5	49,8	13.2	78.2	3274
· · · · · · · · · · · · · · · · · · ·			-									
TC	TALS	100.0	99,5	96,7	89,0	78,9	67,1	54,2	37,9	13.7	69,4	26442

こうしょう かんりょう かんかん かんりん かんしん

### **RELATIVE HUMIDITY**

13821 STATION

Ľ

E

•

MAXWELL ALB ALABAMA/MONTGOMERY
STATION NAME

37-72

NOV

PER

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS
NOV	00-02	100.0	100.0	100.0	99.6	97.5	91.7	78,3	58,2	25.8	81.0	3144
	03-05	100.0	100,0	99.9	99,8	98.7	95.4	86.3	67,8	35.2	84.1	3140
	06-08	100.0	100,0	99.9	99,6	97,6	93,2	81,6	61,0	29.6	82.0	322
	09-11	100.0	99,9	97.3	87.1	71,4	51.9	33.7	19,3	7,5	62.4	3219
	12-14	100.0	98,3	84.9	64.6	42,2	27.2	17.6	11,0	4.1	50.5	3220
	15-17	100.0	98,5	87.8	68.1	46.5	31.0	19.8	12.2	5.0	52.4	323
	18-20	100.0	100,0	99.0	93.2	80 • 2	61,2	40.5	21.6	7.8	65,9	322
	21=23	100,0	100+0	100.0	98.7	93.7	81.8	64.1	39,3	13.7	76.9	320
						<u> </u>						
10	TALS	100.0	99,6	90.1	88.8	78,5	66,7	52.8	36,3	16.1	69.2	2561

USAFETAC FORM 0-87-5 (OL A)

Kalifornia Abandun en

### **RELATIVE HUMIDITY**

13821 STATION

€

()

MAXWELL ALB ALABAMA/MONTGOMERY

STATION NAME

37-72

CEC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY ()BSERVATIONS)

÷ ( 3

MONTH	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONIH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
DEC	20-02	100.0	100,0	99.9	99.5	96.7	89,0	75.6	55.5	2 .4	80.4	3239
	03-05	100.0	100,0	100.0	99,6	98.1	92.9	82,1	64,4	36,3	83,2	3230
	06~08	100.0	100,0	100.0	99,5	97,4	92,4	61,9	64,1	34.8	82,9	3325
	09-11	100.0	100,0	99.2	94.2	82,3	66.9	47,9	31.2	14.7	69.3	3342
	12-14	100.0	99,3	93.1	75,7	56,5	41.4	28,5	19+0	8,6	57.9	3335
	15-17	100.0	99,3	93.1	77,6	59.2	43,4	29,9	19,9	8.8	58,7	3342
	18-20	100.0	100,0	99.3	95,3	83,1	65,2	46.7	29,8	13.4	69.0	3314
	21=23	100.0	100,0	99,9	98,7	93,9	81.6	63,6	43,6	20.8	70.0	<b>329</b> 5
10	TALS	100.0	99,8	98.1	92,5	83.4	71.6	57,0	40,9	27	72.2	20422

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART F

#### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall priod is limited by service as indicated below.

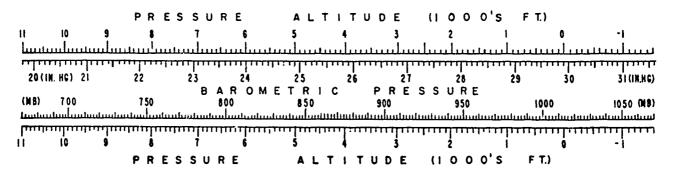
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/M..C

## **MEANS AND STANDARD DEVIATIONS**

### STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13821	MAXWELL	AFB	ALABAMA/MONTGOMERY	46-63,63,72

RS IL S T	)	JAN ,	FEB	MAR	APR	MAI	NUL	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
	MEAN	29.9582	9.9112	9,8592	9.8372	9.809	29,795	29,332	29.810	29,8212	9,865	29,9132	9,953	29,864
00	S D	176	189	164	146				.082	098	125		168	147
	TOTAL OBS	766	6981	73:	713	743			744	747	772	749	769	3891
		·				· .								
		29,9532					29,789	29,822	29,801	29,8132			9,952	29,858
03	S D	,178	194	167		109		076	.083	.099	, 129	162	171	. 151
	TOTAL OBS	767	697	7,30	713	744:	718	741	744	749	769	747	770.	8889
	MEAN	29,9722	9.92A2	9.8795	9.8662	9.838	79.825	29.856	9.837	79.84A	9.891	29.9312	9.964	29,886
06	S D	182	196		135		093	080		101	,133		170	.15
00	TOTAL OBS		695	728	742	769	7742	753	775	779	802		796	9126
	MEAN	30,0142	9,9612	9,9102	9,890	9 856	29,840	29,877	29,858	29,8702	9,919	29,9653	0,003	29,91
09	5 D	186	,195	176	157	,115	1095	,080	.085	-102	. 234	.166	179	.15!
	TOTAL OBS	770	697	732	740	766	745	754	774	775	800		503	<del>9</del> 13
	MEAN	29,9672	9.928	D. 8752	0.847	9.824	20.011	20.844	26 828	n0 = 44r	0.875	no 0 . 5 n	0 084	29,870
12	5 D		189		154									
~ %	TOTAL OBS	769	697	732	739	769					,129 802		,174 863	,156 913
									<del></del>					
	MEAN	29,9282	9,8732	9,8172	9,801	27,777	29,768	29,803	29,777	29,736	9,828	29,8772	9.917	29,830
15	5 D	179	,185	167	.146		7091	075	.062	.100	,126		169	• 14
	TOTAL CBS	768	693	732	742	770		760	773	777	801		804	9130
	MEAN	29.94A	O. BRE	0.8232	9.709	9.772	78.763	n <b>0</b> . H . 2	48 780	20.70%	9. 443	20 100	0 924	29,83
1.8	5 D	29,9462	184	165				077	079	096	124			2,005
18	TOTAL OBS		695	734	738	• 105 770	743	750	774	7776	124 8GZ		794	912
		<del>                                     </del>			100	- 110	175	1 7 2				<del>!                                    </del>		
	MEAN	29,9672	9,911	9,8572	9.837	29.808	29,796	29.837	29.816	29.829	9.872	29,9212	9.956	29.86
21	5 D	176	187	105	141	104		078	.08:		125		166	14
,	TOTAL ORS		599	729	739	770	738	755		779	801		796	912
	1	1	<u> </u>		0 0 0 0		8 6	40 11 5		-	<u> </u>			
<b>/</b> il	MEAN			7,0202	7,839	27.011						29,9172		29,86
HOURS	S D	6147	192	171	1152						1131		173	157
	TOTAL OBS	014/	33();	2040	5868	6101	5886	6015	6129	6178	6349	6147	6335	7255

USAFETAC JUL 64 0-89-5 (OLI)

Ţ

C

Patrick States of the service

### MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HBS FROM HOURLY GOSERVATIONS

13621

MAXWELL AEB ALABANA/MONTGOMERY

37-72

STATION

STATION NAM

YEARS

RSILSTI	1	JAN	TEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	OC1 1	NOV DEC	ANNUAL
	MEAN	1020,9	1019.4	1017,7	1016,7	1015,8	1014,8	1010,2	1015,5	1016,11	017.710	19,81020,7	1017+6
00	S D TOTAL OBS	1072	980	5,647	3,108	3,631	3 7920	2,539	2,769	3,332	4,154 5	1049 1078	5,16: 1250
	MEAN	1020.9	1019.1	1017,3	1010.4	1015,6	1014,6	1015,9	1015,2	1015191	017,610	19,71020,6	1017
03	S D		979	1040	1014	1052	1017	1051	1023	1048	1077	1047 1078	1249
06	MEAN S D TOTAL OBS	1021,3 6,213 1079	6,769	1018,4 5,923 1036	5,407	3,001	4,114	2,056	2.876	3.443	4+400 5	20.31021.1 .672 6.147 1074 1106	1018, 5,28 1274
	MEAN				· ·						•	21,61022,5	1019.
09	S D	6.261 1080	6,694	6,026	5,505	3,896	4,179	2,047	2.879	3.477	4,453 5	718 6.232 1073 1111	5,43 1274
	MEAN	1021,1	1019.8	1018,2	1017,3	1016,3	1015.3	1016,6	1016.1	1016,51	017,910	19.81020.6	1018,
72	S D	1078										1076 1113 1076 1113	1274
15	MEAN S D TOTAL OBS	1019.8 6.002 1078	1018,1 6,351 973	1010,2 5,692 1040	1015,5 5,203	1014,7 3.708 1080	1013,5 3,904 1039	1015,2 2,610 1069	1014,4 2,781 1031	1014,91 3,389 1076	016,410	18,51019,4 ,437 5,967 1078 1113	1016 5,13 1275
18	MEAN S D TOTAL OBS	1020,5 5,952 1079	6,365	5,633	5,046	3,562	13 920	2,570	2,692	3,295	4,115 5	19,31020,1 ,320 5,878 1071 1102	1016, 5,19 1273
	MEAN	1021.2	1019.3	1017.6	1016.7	1015.8	1014.8	1010.3	1015.7	1016.41	018.010	20.01020.5	1017,
šī	S D TOTAL OBS	5,953	0,451	5,648	4,760	3,530	3 . 989	2,270	2.742	3,310	4,142 5	.362 5.852 1077 1104	5,12 1271
ALL HOURS	MEAN S D	1021.1	1019.4	1017.6	1016.8	1015/9	1014.7	1010.3	1015.0	1016,21	017.810	19,91020,7	1017

USAFETAC FORM 0.89-5 (OLI)